CURRENT GEOGRAPHICAL PUBLICATIONS

PHOTOGRAPH SUPPLEMENT, 1941 -- INDEX

In the Photograph Supplement pages are indicated by Roman numerals. As an economy of space, Arabic numerals have been used in the Index instead of the corresponding Roman numerals.

Abha, Arabia, 146 Abraham, Mt., Vt., 110 Acapulco, Mexico, 127 Acoma Pueblo, N. Mex., 62 Aconcagua, Mt., Chile-Argentina, 143 Ada Kaleh Island, 10 Adams, 11t., Wash., 94, 127 Addis Ababa, Ethiopia, 145 Aegean Islands, 81 Africa, 10, 21, 35, 49, 66, 82, 99, 117, 130, 145 Africa, Central, 82, 145 Africa, East, 11, 21, 35, 49, 100, 118, 130, 145 Africa, North, 66, 82, 99, 118 Africa, South, 11, 50, 82, 100, 131, 146 Africa, West, 82, 130 Agaña, Guam, 84 Agriculture, 15, 26, 41, 56, 87, 122, 136 Agua, Mt., Guatemala, 56 Airport: - Amsterdam, The Netherlands, 144; Basra, Iraq, 119; Birmingham, Ala., 77; Boston, Mass., 140; Buffalo, N. Y., 140; Chicago, Ill., 140; Cienfuegos, Cuba, 79; Cleveland, Ohio, 140; Columbus, Ohio, 140; Copenhagen, Denmark, 144; Detroit, Mich., 140; El Paso, Tex., 31, 141; El Salvador, San Salvador, 79; Grand Coulee Dam, Wash., 31; Hamburg, Germany, 144; La Guaira, Venezue-la, 80; London, England, 143; Los Angeles, Calif., 141; Lubeck, Germany, 144; Lyon, France, 144; Malmo, Sweden, 144; Managua, Nicaragua, 79; Mexico City, 142; Miami, Fla., 140; Milan, Italy, 145; Montreal, Canada, 139; Munich, Germany, 144; New Orleans, La., 141; New York City, 28, 140; Paris, France, 144; Rio de Janeiro, Brazil, 143; Rio Hato, Panama,

Airport (cont.) 47; St. Louis, Mo., 30; St. Thomas, Virgin Islands, 47; Salt Lake City, Utah, 31; San José, Costa Rica, 79, 114; Santiago de Cuba, 79; Singapore, Malaya, 147; Stockholm, Sweden, 144; Washington, D. C., 44, 140; Yakima, Wash., 31; Zurich, Switzerland, 144 Airports, 138; Panama, 79; West Indies, 79 Alabama, 77, 126, 141 Alaska, 4, 17, 28, 59, 74, 110, 124 Albania, 10, 49 Albernésia, Brazil, 48 Albert Canal, Belgium, 116 Aleutian Islands, 28, 110 Alexandria, Egypt, 21, 66 Algeria, 66 Algiers, Algeria, 99 All-American Canal, Ariz.-Calif., 78, 95, 127 Allentown, Pa., 5 Alps, 65 Amasra, Turkey, 131 Amber, 56 America, Central, 7, 32, 46, 63, 79, 96, 114, 127, 142 America, North, 4, 17, 43, 59, 74, 110, 124, 138 America, South, 8, 19, 33, 47, 64, 80, 97, 115, 128, 142 Analostan Island - see Theodore Roosevelt Island Anchorage, Alaska, 17 Andes, Argentine, 116 Angel Falls, Venezuela, 1 Anglo-Egyptian Sudan, 35 Angmagssalik, Greenland, 23, 120 Ankara, Turkey, 146 Antalya, Turkey, 121 Antarctic, 23, 84, 103 Anticosti Island, 17 Antigua, 64, 80 Antofagasta, Chile, 129

Apia, Samoa, 133 Appalachian trail, 125 Apra, Guam, 36 Arabia, 119 Ararat, Mt., Turkey, 100 Archbold Lake, New Guinea, 53 Arctic, 13, 23, 120, 147 Ardakan, Iran, 36 Bantam, Java, 12 Arequipa, Peru, 97 Argentina, 8, 20, 81, 98, 116, 129, Arica, Chile, 129 Arizona, 7, 31, 46, 62, 95, 126 Arkansas, 60, 112 Arkansas River, 30 Arts and crafts, 17; see also Pottery Asia, 11, 21, 22, 36, 66, 82, 100, 118, 131, 146 Asia, Central, 82 Asia, Southeastern, 12, 66, 102, 120 Asia, Southwestern, 11, 22, 36, 66, 82, 131, 146 Assiut Dam, Egypt, 11 Asswan Dam, Egypt, 35 Athabaska Glacier, Alberta, 69 Athabaska, Mt., 91 Athens, Greece, 81 Atitlán, Lake, Guatemala, 63 Atlanta, Ga., 18
Atlantic Ocean, 13 Au Train Falls, Mich., 76 Auckland, New Zealand, 133 Aurora, Ill., 6 Australia, 102, 132, 147 Austria, 34, 117, 145 Auyan-tepui, Mt., Venezuela, 8 Avalon, Santa Catalina Island, Calif., 62 Azores, 117

Badlands, Hawaiian Islands, 39; Iran, 39; South Dakota, 15, 25, 69, 121 Bagasse, 88 Bagdad, Iraq, 66, 101 Bagnell Dam, Mo., 89 Bahia, Brazil - see São Salvador, Brazil Bahia Aguadilla, Puerto Rico, 80 Baker, Mt., Wash., 127 Balearic Islands, 99 Antalya, Turkey, 121 Bali, 67, 84 Balim Valley, New Guinea, 133 Balkans, 34, 65 Lalameter Menalona Ballater, Scotland, 9 AutoCaspata, Calle, 129

Balleny Islands, Antarctica, 103 Baltic Sea, 117 Baltimore, Md., 125 Bananas, Central America, 26, 41; Ecuador, 122; Uganda, 136 Band-i-Amir, Iran, 51 Bangkok, Thailand, 102 Barra Mansa, Brazil, 128 Barro Colorado Island, 114 Basra, Iraq, 101 Basswood Lake, Minn., 93 Bath, England, 143 Battleship Rock, S. Dak., 75 Bauxite, Ark., 106
Beaver, The, 57
Beirut, Syria, 36 Belgium, 116 Belize, British Honduras, 79 Bellot Strait, Canada, 43
Ben Nevis, Scotland C. 43 Ben Nevis, Scotland, 9, 48 Bering Sea, 110
Rermida, 114 Bermuda, 114 Bertha, Mt., Alaska, 17 Beverly Hills, Calif., 62 Biogeography, 1 Birmingham, Ala., 77
Bisitun, Rock of, Iran, 51
Black Hills, S. Dak., 126
Blackwater Canyon Birds, 2 Blackwater Canyon, W. Va., 111 Blind River, Ontario, 122 Bluff Creek Bend, Kans., 30 Bluff Creek Bend, Kans., 30 Bodrum, Turkey, 131 Boats - see Ships Bogoslof Island, 138 Bogotá, Colombia, 64, 97 Bolivia, 19, 48, 80, 97, 115, 128 Bonacca Island, Honduras, 79 Bonneville Dam, Wash .- Oreg., 72 Borabora Islands, 67 Bosphorus, The, 99 Boston, Mass., 17, 44 Bottomless Lakes, N. Mex., 56 Boulder, Colo., 96 Boulder Dam, Nev.-Ariz., 57, 96, 113, 127 Boundary, Alaska-Canada, 17 Bouvet Island, Antarctica, 103 Boven Falls, Transvaal, 131 Brazil, 20, 33, 48, 64, 81, 98, 115, 128, 143 Breadloaf Mt., Vt., 110
Breed, Turkey, 50 Bridge, Natural, Utah, 85 Bridges, 90; China, 73; Colombia, 27; Iran, 36; New England,

Bridges (cont.) covered, 138; Oregon, covered, 138 Brigus, Newfoundland, 91 Brisbane, Australia, 132 British Guiana, 115 British Isles, 9, 20, 33, 65, 81, 98, 143 Brooklyn, N. Y., 44 Bromo, Mt., Java, 12 Brunswick, Ga., 29 Buenos Aires, Argentina, 48 Burlington, N. J., 92 Burma road, 36, 102 Bustam, Iran, 52 Butte, Mont., 78 Buttermilk Falls, N. Y., 139 Buyukdere Dam, Turkey, 146

Cacao, Costa Rica, 26; Grenada, 107 Cahuenga Pass, Calif., 61 Cairo, Egypt, 21, 145 Calcutta, India, 147 Calderas, 69 Calgary, Canada, 43 Caliente Mountain, Calif., 31 California, 7, 19, 31, 46, 61, 78, 95, 113, 126, 141 Callao, Peru, 128 Camel's Hump (Mt.), Vt., 110 Campanile (butte), 105 Canada, 4, 17, 28, 43, 59, 74, 91, 110, 124, 138 Canals, 90 Canary Islands, 21, 117, 130 Canberra, Australia, 53 Candia, Crete, 10 Canton, China, 119 Canyons, 105 Cape Cod Canal, 18 Cape Corrientes, Argentina, 116 Cape Ekholm, Spitzbergen, 120 Cape Disappointment, Wash., 141 Cape Gracias a Dios, Nicaragua, 79 Cape Point, South Africa, 100 Cape San Lucas, Mexico, 114 Cape Verde Islands, 118 Capetown harbor, South Africa, 82 Capetown peninsula, South Africa, Capulin, Mt., N. Mex., 55 Caracas, Venezuela, 97 Caracol, Haiti, 47 Cardigan, Mt., N. H., 92 Carib Indians, Dominica, 86 Carlyle, Mt., Alaska, 28 Carpenter Dam, Ark., 113 Cartagena, Colombia, 142

Caspian Gates, The, 51 Cassava, 2 Castle Harbour, Bermuda, 114 Castle Rock, Kans., 18 Castries, St. Lucia, 19, 33 Cattle, Hawaiian Islands, 123; Uruguay, 137 Cauca Valley, Colombia, 115 Cement, Argentina, 87; Kansas, 26 Central City, Colo., 32 Chaco Canyon, N. Mex., 62 Chahar Dih, Iran, 52 Chalk, Kans., 26 Chandri Ghat, Iran, 52 Charleston, S. C., 29, 111 Charleston, W. Va., 111 Chelan, Lake, Wash., 141 Chesapeake and Ohio Canal, 90 Chichicastenango, Guatemala, 64 Chile, 8, 20, 33, 48, 65, 98, 116, 129, 143 Chimborazo, Mt., Ecuador, 128 China, 12, 22, 36, 52, 66, 83, 101, 119, 132 Chittenango Falls, N. Y., 139 Christianshaab, Greenland, 37 Christiansted, St. Croix, Virgin Islands, 80 Chromite, Southern Rhodesia, 71 Chungking, China, 52 Cimarron Valley, 30 Cinchona, 26; Guatemala, 57 Cincinnati, Ohio, 126 Cirque, Baffin Island, 135 Citrus groves, Calif., 107 Clay, Kans., 25 Cleveland, Ohio, 126 Cleveland, Mt., Alaska, 28 Clouds, "Chinook arch", 40; crest, Clyde Valley, New Zealand, 23 Coal, Germany, 15; Pa., 5; Turkey, Coconuts, Guam, 26 Coffee, Central America, 41; Hawaii, 122; Uganda, 136 Colombia, 8, 19, 33, 64, 80, 97, 115, 142 Colorado, 19, 32, 96 Colorado Desert, Calif., 46 Columbia Plateau, Wash., 60 Columbia River, Oreg.-Wash., 141 Columbus, Ohio, 126 Commander Islands, 110 Cone Island, 54 Connecticut River, 5 Copper, Arizona, 2; Chile, 86;

Copper (cont.) Peru, 135; Transjordan, 106 Coral, 69 Cordillera Azul, Peru, 8 Cork, 107 Corner Brook, Newfoundland, 91 Corno Glacier, Italy, 1 Corpus Christi, Tex., 94 Corsica, 98 Cotton, Alabama, 72; Arizona, 26; Arkansas, 108; Brazil, 57; China, 88; Egypt, 26; India, 72; Louisiana, 88; Missouri, 88; Peru, 26; South Carolina, 29; Uganda, 137 Craig Harbour, Canada, 23, 54 Cranberry bogs, Pacific Northwest, Crater Lake, Oreg., 127 Crete, 10, 20, 130 Cryolite, Greenland, 107 Cuba, 114 Cubuk Dam, Turkey, 89 Cultivation pattern, Argentina, 71; China, 16; Usecho-Clovakia, 34; Egypt, 15; Idaho, 87; Maryland, 56; New Guinea, 41; Texas, 15, 56; Washington, 56; Yugoslavia,

Curação, 114

Czecho-Slovakia, 34

Dadan Rock, Iran, 51 Dadan Rock, Iran, 51
Dakar, Senegal, 130
Dallas Tev. 60 Dallas, Tex., 60 Damascus, Syria, 36 Danlí, Honduras, 127 Dartmouth, England, 9 Davamand, Mount, Iran, 51 Delaware Water Gap, 5 Delta structure, Kansas, 30 Demawend, Iran, 101 Denmark, 130, 144 Derna, Libya, 66 Detroit, Mich., 45, 76 Devil's Tower, Wyo., 19, 55 Diatomaceous marl, Kansas, 25 Dismal Swamp, N. C., 15 District of Columbia, 111, 125, 140 Djilki-su gorge, Caucasus, 130 Dneprostroy Dam, Russia, 145 Dodecanes Islands, 99 Dominican Republic, 114 Dover, Straits of, 144 Dubrovnik, Yugoslavia, 34

Curtain Falls, Minn., 93 Cuzco, Peru, 19, 128 Duluth, Minn., 44 Dune structure, Kans., 30 Dunes, Ariz., 55; Libya, 39 Durazzo, Albania, 10 Dust storm, Kansas, 30; Oklahoma, 70 "Dutch Church", Ontario, 91 Dwellings, 3, 16, 27, 43, 58, 73, 91, 109, 124, 138; Alabama, rammed earth house, 73; Anatolia, 43; Arabia, 16; Arabia, farm, 138; Arizona, Navaho, 73; Baffin Island, Eskimo, 138; Balkans, peasant, 34; Burma, 43; Canadian Arctic, Eskimo tupik, 3; China, pile, 124; Cyprus, stone, 43; Denmark, farm, 124; Far East, 17; Fiji Islands, 58; Greenland, Eskimo igloo, 3; Guam, 27; Guatemala, 58; Guatemala, Indian, 43; Honduras, 3; Iran, cliff, 43; Iran, matting huts, 43; Iraq, nomad, 91, 109; Ireland, 3, 58; Isle of Orleans, 73; Korea, 58; Little Diomede Island, 27; Mexico., Seri hut, 3; Mongolia, 138; Nebraska, Indian, 138; The Netherlands, farm, 124; New Guinea, 27, 124; New Mexico, cliff, 58; New Mexico, Navajo Indian, 27; Oklahoma, sod house, 43; Panama, San Blas Indian, 27; Papua, 3; Patagonia, Indian toldo, 3; Philippine Islands, 17, 109; Rumania, 34; Samoa, community house, 74; South Africa, Zulu, 91; South Dakota, sod house, 73; Switzerland, 109; Syria, beehive huts, 3; Transjordan, mud-brick, 109; Tristan da Cunha, 3; Turkey, rural, 138; Uganda, 27; United States, Chippewa Indian, 124; Utah, Navaho, 91; Wales, 16

East Indies, 12, 22, 67, 84, 102, 120, 133

Easton, Pa., 5

Ecuador, 48, 64, 97, 115, 128

Edith Cavell, Mt., 91

Egedesminde, Greenland, 37

Eglisau, Switzerland, 116

Egypt, 11, 21, 35, 66, 99, 130, 145

El Porvenir, Panama, 32

Elburz Mountains, 50

Elephantine Island, Egypt, 21

Elgon, Mt., Uganda, 145

Ellen, Mt., Vt., 110

English Harbour, Antigua, 19
Enkhelee, Caucasus, 130
Erebus, Mt., Antarctica, 84
Erh Hai Lake, Yunnan, 102
Erie, Pa., 5
Erie Canal, N. Y., 139
Ethnic types, Siberia, 106
Europe, 9, 20, 33, 65, 81, 98, 116, 129, 143
Evansville, Ind., 112
Everest, Mt., Tibet, 12

Fairbanks, Alaska, 59 Fairs - see Markets and Fairs Falcon Island, 120 Falls Lake, Wash., 60 Farming, Costa Rica, 106; Dominican Republic, 106; Strip farming, Switzerland, 122; Subsistence farm, Uganda, 136. See also Cultivation pattern; Land utilization; Terrace agriculture Fens, The, 33 Fez, Morocco, 99 Fibers, 2, 57, 88, 108, 137 Fibers - see also specific fibers Fiji Islands, 67 Finland, 34 Firth of Forth bridge, Scotland, Fisheries, 3, 26, 42, 72, 89, 108; Cod, Newfoundland, 89; Live-bait, Philippine Islands, 42; Oyster, 3; Oyster, Connecticut, 123; Oyster, Louisiana, 89; Oyster, South Carolina, 26; Oyster dredge, Delaware Bay, 72; Salmon, 108; Sardine, Passamaquoddy Bay, 72; Manchukuo, 89; Michigan, 72; New England, 108; Turkey, 123 Flax, St. Helena, 108 Flinders' Ranges, South Australia, Flint, Mich., 76 Florida, 6, 92, 140 Flushing Meadow Park, New York City, 125 Fonuafo'o Island - see Falcon Island Fordlandia, Brazil, 122 Forests and forestry, 16, 42, 108, 122 136. See also Sawmills; Timber rafts; Wood pulp industry Fort-de-France, Martinique, 19, 114 Fort Smith, Canada, 110 Fort Vancouver, Wash., 60

Fort Wayne, Ind., 112

France, 144

Franconia Notch, N. H., 4
Fredericton, New Brunswick, 74
Frederikshaab, Greenland, 37
French Equatorial Africa, 82
Friant Dam, Calif., 31
Frobisher Bay, Baffin Island, 147
Fruits, 2, 26, 122. See also
specific fruits; Orchards

Galapagos Islands, 115 Gannett Peak, Wyo., 7, 61 Gaspé, Quebec, 59, 74, 110 Gataga River, British Columbia, 59 Gatun Locks, Panama Canal, 96 Geneva, N. Y., 92 Genoa, Italy, 81 Georgia, 6, 18, 29, 45, 75, 111 Germany, 20, 99, 144 Geysers, 40 Giant's Causeway, Ireland, 9 Gibraltar, 10, 117, 145 Gilf Kehir plateau, Egypt, 35 Glacier Lake, British Columbia, 124 Glaciers, 1, 39, 69, 85, 135. See also Moraines Glasgow, Mont., 31 Glens Falls, N. Y., 139 Godafoss (waterfall), Iceland, 48 Godhavn, Greenland, 37 Godthaab, Greenland, 37 Godwin-Austen, Mt., India, 12 Gold, 25, 40, 56, 70; Alaska, 25, 56; Australia, 40, 135; Brazil, 122; California, 106; Canada, 86, 121, 135; South Africa, 86; South Dakota, 70 Golden Horn, The, 99 Gota Canal, Sweden, 34 Goyaz, Brazil, 115 Grand Coulee Dam, Wash., 7, 31, 57, 73, 89, 142; airport, 31 Grand Manan Island, 44 "Grand Republic", The, 93 Grand River Dam, Okla, 112 Grand Valley, New Guinea, 54 Granite, North Carolina, 87; South Carolina, 26; Vermont, 56 Grant Mt., Vt., 110 Grand River, S. Dak., 126 Grassland, Patagonia, 16 Great Geyser, The, Iceland, 48 Great Lakes, 74 Greece, 20, 35, 81, 117 Green Mountains, Vt., 110 Green River, Wyo., 61 Greenland, 13, 37, 103, 120 Grenada, 114

Grindstone, China, 124
Grinnell ice-cap, Baffin Island,
147
Grytviken, South Georgia Island, 23
Guam, 36, 84, 120
Guatavita Lake, Colombia, 97
Guatemala Gity, Guatemala, 47, 63,
142
Guayaquil, Ecuador, 115
Guntersville, Ala., 77
Guttannen, Switzerland, 129

Guntersville, Ala., 77
Guttannen, Switzerland, 129
Gyamda Chu River, Tibet, 83
Gypsum, Kansas, 25

Habitations - see Dwellings Haiti, 64 Halifax, N. S., 44, 59, 74 Hama, Syria, 50, 100 Hamadan, Iran, 51 Hamburg, Germany, 99 Hanging Gardens of Babylon, Iraq, Hanging valley, Canadian Rockies, Harpers Ferry, W. Va., 111 Harrisburg, Pa., 5 Harstad, Greenland, 37 Havana, Cuba, 114 Hawaiian Islands, 53, 67, 84, 120, Hazelton, British Golumbia, 59 Hell's Canyon, Idaho, 61 Helsinki, Finland, 34 Henequen, 88; Guatemala, 26 High Falls, Ontario, 124 Hilo, Hawaii, 84 Hobart, Tasmania, 132 Holsteinsborg, Greenland, 23, 37, Holy Cross, Mt. of the, 96 Hong Kong, 66, 83 Honolulu, Hawaii, 120

Honolulu, Hawaii, 120
Hood, Mt., 94
Horta, Azores, 117
Hot Springs (city), Ark., 112
Hot springs (springs), Tanganyika, 21
Housing, urban, United States, 40.
See also Dwellings
Houston ship canal, Tex., 58
Howland Island, 147
Huayhuash, Cordillera de, Peru, 64
Hudson River region, N. Y., 139
Huechu-Lauquen, Lake, Patagonia, 98
Hulailan plain, Iran, 51
Hungary, 10
Huntington, W. Va., 111

Hydroelectric plant, Peru, 137

"Ice flowers", Switzerland, 56 Ice, Marine, 40, 70, 106; Bering Sea, 106 Ice pinnacles, Iran, 85 Iceland, 48, 99, 117 Idaho, 7, 61, 95 Igarka, Siberia, 146 Iguamo River, Dominican Republic, Iguassú Falls, Argentina-Brazil, 48, 129 L'Ilamane, Mt., Sahara, 21 Illinois, 6, 18, 93, 140 Imperial Dam, Ariz,-Cal., 78, 89 Implements - see Tools Incesu, Turkey, 131 Independence, Mo., 126 Independence Rock, Wyo., 61 India, 12, 36, 66, 83, 132, 147 Indiana, 112 Inscription Rock, N. Mex. - see Morro, El. Iowa, 76, 112 Iquitos, Peru, bases, 128 Iran, 101 Iraq, 66, 101, 119 Iron, Minnesota, 70, 107; Ontario, 86; Philippine Islands, 70 Iron and steel mill, France, 135; Germany, 136; West Virginia, 107 Iroquois Falls, Ontario, 124 Irrawaddy River, 52 Irrigation, Arabia, 18; Arizona, 87; Dominican Republic, 136; Iraq, 87; Kenya, 41; Oregon, 87 Isfahan, Iran, 52 Italy, 10, 20, 49, 81, 145 Itapecerica, Brazil, 48 Izmir, Turkey, 146

Jacala, Mexico, 113
Jackson Lake, Wyo., 61
Jajarm, Iran, 52
Jakobshavn, Greenland, 37
Jamaica, 114
Jamestown, St. Helena, 118
Japan, 11, 52, 101, 119, 146
Java, 67
Jefferson, Mt., Oreg., 94
Jefferson City, No., 93
Jemez Pueblo, N. Mex., 63
Jerusalem, Palestine, 100, 118
Jocotan, Guatemala, 47
Johannesburg, South Africa, 100
Jonquiere, Quebec, 28

"Joseph Conrad", The, 89, 109 Julianehaab, Greenland, 37 Jute, India, 72

K2 - see Godwin-Austen, Mount Kaieteur Falls, British Guiana, 115 Kamloops, British Columbia, 28 Kandersteg, Switzerland, 116 Kangavar, Iran, 51 Kangchenjunga, Mt., Nepal, 12 Kansas, 18, 30 Kansas City, Mo., 93 Kapok, 2; Guatemala, 88 Kapuskasing, Ontario, 124 Karst topography, 55; China, 121 Kastamonu, Turkey, 131 Katahdin, Mt., Me., 5, 125 Kavalla, Greece, 117 Kazbek, Caucasus, 130 Kechika River, British Columbia, 59 Kenogami, Quebec, 28 Kentucky, 113 Kerbela, Iraq, 119 Ketchikan, Alaska, 17, 59 Key West, Fla., 92 Key West oversea highway, 90 Khartoum, Egypt, 11 Khu'i, Iran, 51 Khyber Pass, India-Afghanistan, 82, Kilimanjaro, Mt., 85, 131 Kings Canyon national park, Cal., 141 Kings River, Cal., 31, 113 Kingston, Jamaica, 114 Kirkuk, Iraq, 101 Kodiak, Alaska, 17 Kodlunarn Island, Baffin Island, 147 Korea, 66, 131 Kurdish Mountains, 51 Kutahya, Turkey, 131

Labrador, 139
La Cabrera Peninsula, Venezuela, 115
La Guaira, Venezuela, 64
Laguna Pueblo, N. Mex., 63
Laja Falls, Chile, 129
Lakes, Rock basin, Labrador, 135
La Libertad, Guatemala, 96
Land utilization, China, 121; Kentucky, 106
Lansing, Mich., 76
La Paz, Bolivia, 20, 80, 97, 115
Lake Harbour, Baffin Island, 23
Land's End, Cornwall, 9

Las Palmas de Gran Canaria, Canary Islands, 130 Lasithi Plain, Crete, 130 Laterite, Thailand, 56 Launceston, Tasmania, 132 Lava flow, Molucca Islands, 69 Lead, Kansas, 25; Wisconsin, 121 Leadville, Colo., 96 Lear's Cove, Newfoundland, 28 Leh, India, 36 Libya, 10, 21, 49, 66, 99 Lima, Peru, 115, 128 Lime kilns, Arabia, 15 Limestone quarry, Indiana, 107; Pennsylvania, 2 Limoeiro, Brazil, 98 Limonade Bord-de-Mer, Haiti, 47 Lincoln Mt., Vt., 110 Lisbon, Portugal, 66, 130 Little Rock, Ark., 60, 112 Liverpool, England, 48, 143 Llamas, Bolivia, 89 Llanquihue, Lake, Chile, 98 Loess, China, 105, 121 Logan, Mt., Yukon Territory, 4 London, 81, 98, 143 Los Angeles, Cal., 31, 62, 95 Louisiana, 18, 45, 94, 141 Lowell, Mass., 111 Lucifer Falls, N. Y., 75, 139 Lyttelton, New Zealand, 67

Mackinac, Fort (Michilimackinac), Mich., 76 Mackinac Island, Mich., 76 Magallanes, Chile - see Punta Arenas, Chile Magellan, Straits of, 8, 33 Magen Bay, St. Thomas, Virgin Islands, 80 Maguey, Mexico, 137 Malaya, 132, 147 Mammoth Cave, Ky., 113 Managua, Nicaragua, 79 Manchukuo, 11, 52, 83, 101 Manganese, India, 70 Manioc, Brazil, 122 Mansfield, Mt., Vt., 110 Mantua, Italy, 20 Maracaibo, Venezuela, 80 Marble, Alabama, 71; Missouri, 25; Vermont, 71, 107 Markets and fairs, 3, 16, 42, 58, 73, 90, 109, 138 Markets, Albania, 42; Bolivia, 109; Brazil, 73, 90; Egypt, 90; Guatemala, 42, 58; Central America,

Markets (cont.) Indian, 42; Ireland, 3; Manchuria, 43; Peru, 58, 90; Thailand, 138; Tunisia, 58, 73; Turkey, 109 Marshes, swamps, 69 Maryland, 60, 92 Mas-a-Fuera Island, Chile, 143 Masherbrum Peak, India, 12 Matanuska Valley, Alaska, 74 Matterhorn, Switzerland, 10 Mazatlán, Mexico, 127 Mediterranean Sea, 129 Mekong-Salween divide, Burma road, Mendoza-Villavicencio highway, Argentina, 129 Mesabria, Cyprus, 50 Meteorological instruments, 106 Meteorology, 15, 40. See also Clouds; Dust storms Mexico, 7, 19, 32, 46, 63, 78, 113, 127, 142 the , wind , the coll Mexico City, 142 Miami, Fla., 45 Michigan, 76, 140 Michilimackinac, Mich. - see Mackinac, Fort Mill, Missouri, 27; Rhode Island, 26; West Virginia, 109 Millet, Manchukuo, 87 Mines and mineral resources, 2, 15, 25, 40, 56, 70, 86, 106, 121, 135 Minnesota, 76, 93, 111 Minturn Bay, Baffin Island, 147 Miskito Cays, Nicaragua, 79 Missions, Cal., 78 Mississippi, 77 Mississippi River, 77, 93, 125, 140 Mississippi Valley, 6, 29 Missouri, 30, 93, 126 Missouri River, 30 Mobile, Ala., 126 Moeraki boulders, New Zealand, 55 Molucca Islands, 84 Mongolia, 147 Monhegan Island, Me., 75 Montana, 31, 78
Mont Cenis Pass, 65 Montevideo, Uruguay, 143 Montgomery, Ala., 77 Montreal, Canada, 44 Monument, Valley, 95, 127 Moraines, 85; California, 70; Utah, Morro, El (Inscription Rock), N. Mex., 78

Moscow, Russia, 117, 130
Mostar, Yugoslavia, 35
Mount Hope Bay, R. I., 125
Mud volcano, Iran, 39; Mexico, 106
Muertos Bay, Mexico, 114
Mulatas Islands, 32
Multnomah Falls, Oreg., 141
Muskeg, Alaska, 69

Nahalal, Palestine, 100 Nanda Devi, Mt., 120 Nanga Parbat, Mt., India, 12 Napoleon's Tomb (butte), 105 Natchitoches, La., 94 Nebraska, 140 Needles, Black Hills, S. Dak., 75 Netherlands, The, 116, 129, 144 Nevada, 62, 96, 113, 126 New England, 4, 17, 29, 44, 60, 75, 92, 110, 125, 140 Newfoundland, 4, 28, 91, 110 New Guinea, 37, 53, 54, 67, 120 New Haven, Conn., 17 New Jersey, 6, 75, 92 New Mexico, 32, 46, 62, 78 New Orleans, La., 94 Newport, R. I., 92 Newport News, Va., 75 Newtown, Tasmania, 133 New York Canal, Idaho, 95 New York (City), 28, 59, 60, 75, 139; Airport, 28 New York (State), 28, 44, 59, 75, 92, 110, 125, 139 New Zealand, 12, 23, 67, 102, 133 Nickel, Ontario, 86 Nicosia, Cyprus, 50 Nikolskoye, Commander Islands, 110 Nitrate, Chile, 15 Noccalula Falls, Ala., 77 Nombre de Dios, Panama, 47 North Carolina, 18, 92 North East Land, 133 Nutmegs, Molucca Islands, 71 Nuts - see Tree crops, nuts

Oakland, Cal., 95
Oceanography, 1
Ogden, Utah, 46, 96
Ohio, 126, 140
Ohio River, Ind., 112
Okefenokee Swamp, Ga., 111
Oklahoma, 76, 112
Onions, N. Y., 136
Oporto, Portugal, 65, 99
Oranges, Brazil, 122
Orchards, New Zealand, 122; Oregon,

Orchards (cont.) 107 Oregon, 78, 94, 113, 126, 141 Osorno, Mt., Chile, 9, 98 Otago district, New Zealand, 67 Ouro Preto, Brazil, 98 Oxbows, Alberta, 39 Oysters - see Fisheries

Pacific Islands, 12, 36, 53, 67, 84, 120, 147 Pahoehoe lava, 39 Pajarito Plateau, N. Mex., 63 Palestine, 100, 118 Palisadoes, The, Jamaica, 19 Palmer Land, Antarctica, 23 Palmyra Island, 133 Palomino, Colombia, 33 Palouse Falls, Wash., 60 Pampas, Argentina, 116 Pan American highway, 114 Panama Canal, 96 Panama City, Panama, 142 Pancha Chuli peaks, Tibet, 131 Pangmirtung, Baffin Island, 23 Pangnirtung Fiord, Baffin Island, Paper mills - see Wood-pulp industries Paris, France, 144 Parker Dam, Ariz., 31 Pascua, Ariz., 95 Passamaquoddy Bay, 44 Patmos, Dodecaneæ Islands, 99 Pavlof, Mt., Alaska, 59, 138 Peanuts, Alabama, 71 Pearling, Penrhyn Island, 72 Pelée, Mont, Martinique, 19 Pelly Crossing, Yukon Territory, 59 Penida Island, 67 Pennsylvania, 5, 18, 29, 92, 125 Penrhyn Island, 84 Pensacola, Fla., 45 Peoria, Ill., 7 Peru, 8, 19, 33, 64, 80, 97, 115, 128, 142 Petit Metis, Quebec, 28 Petroleum, Argentina, 122; California, 41, 71; Curação, 114; India, 71; Iran, 122; Pennsylvania, 25; Scotland, 41; Syria-Iraq., 122; Venezuela, 47 Philadelphia, Pa., 5, 125 Philippine Islands, 22, 67, 84, 120, 132 Phosphate, Florida, 41 Physiography, 1, 15, 25, 39, 55,

69, 85, 105, 121, 135

Pietermaritzburg, Natal, 146 Pilmaiquen Falls, Chile, 143 "Pingora", Wyo., 94 Piraeus, Greece, 20 Pisac, Peru, 64 Pittsburgh, Pa., 5 Plant geography - see Vegetation Plows, 109, 124; Ethiopian, 27 Pocatello, Idaho, 7 Point Lobos, Cal., 61 Ponce, Puerto Rico, 80 Ponta de Torres, Brazil, 129 Popáyan, Colombia, 19 Popocatepetl, Mt., Mexico, 55 Port-au-Prince, Haiti, 32, 64 Portland, Me., 17 Portland, Oreg., 78, 141 Port Menier, Anticosti Island, 17 Port-of-Spain, Trinidad, 64 Port Said, Egypt, 66 Porto Alegre, Brazil, 33 Portugal, 65, 99, 117, 130 Pottery, Arabia, 17; China, 17; Costa Rica, 43; New Mexico, Nava-Power, 3, 16, 27, 42, 72, 89, 109, Presidential Range, N H., 110 Prince Edward Island, 110 Providence, R. I., 18 Prune orchards, Oreg., 136 Pucallpa, Peru, 8 Puebla, Mexico, 127 Pueblo Tanela, Panama, 47 Puerto Limon, Costa Rica, 79 Puerto Rico, 8, 33, 79, 80 Pulp industries - see Wood pulp industries Pumice deposits, Oreg., 69 Punta Arenas, Chile, 116, 143

Quarries, Sicily, 26 Quebec, Canada, 44, 74 Quebracho, Argentina, 122 Quepos, Costa Rica, 47 Quito, Ecuador, 97, 128

Racine, Wis., 45, 126
Radium, Canada, 136
Rafz, Switzerland, 116
Rainbow Falls, Hawaii, 120
Rainier, Mt., Wash., 127
Raisins, California, 41
Rangoon, Burma, 53
Rataban, Mt., India, 132
Reading, Pa., 5
Recife, Brazil, 48

Red Rock Canyon, Cal., 46 Relief map, Bali, 55; Java, 55; Pennsylvania, 29; United States, 4, 28, 69; Vermont, 55 Reykjavik, Iceland, 48, 117 Reynosa, Mexico, 79 Rhodes, 65 Rice, Bali, 71; India, 71; Japan, 87; Louisiana, 87; Philippine Islands, 41, 122; Szechwan, 87; Texas, 41 Río Dulce, Guatemala, 142 Río Quines Valley, Argentina, 98 Ritchie Memorial Highway, Md., 58 Ritenbenk, Greenland, 37 Riza'iyyah, Lake, Iran, 51 Roads, 27, 58, 90, 109, 137; Colombia, 27; New York, plank, 137; Transjordan, Roman, 109 Roche moutonée, 85; Newfoundland, 1 Rock basin lakes - see Lakes, Rock Rock streams, California, 55 Rocky Mountains, Canadian, 28 Rosario, Argentina, 129
Roseau, Dominica, 19 Ross Barrier, Antarctica, 70 Rouyn, Quebec, 28 Rubber, 87; Brazil, 122; Costa Rica, 26; Uganda, 136 Rudyard Bay, Alaska, 124 Rumania, 10, 34, 49, 145 Russia, 10, 117, 130, 145 Rutba, Iraq, 101

Saginaw, Mich., 76 Sahara, 21 Saimareh Valley, Iran, 36 St. Anthony, Newfoundland, 91 St. Bride's Cove, Newfoundland, 28 St. Croix, Virgin Islands, 80 St. Elias, Mt., Alaska, 124 St. George, Bermuda, 114 St. George, Grenada, 19 St. Helena, 118 me Market and the state of t St. John, New Brunswick, 44, 74 St. John's, Antigua, 80 St. Joseph, Mo., 39, 93 St. Louis, Mo., 30 St. Thomas, Virgin Islands, 80 Saiwoen, Arabia, 119 Salmon River, Idaho, 61 Salt, Cape Verde Islands, 107; Colombia, 87; Eritrea, 26; India, 71; Kansas, 25; Louisiana, 87 Salt Lake City, Utah, airport, 31 Salto de Juanacatlan, El, Mexico, 127

Salybia Bay, Dominica, 97 Samoa, 84 San Andrés, Colombia, 97 San Carlos, Nicaragua, 79 San Diego, Cal., 95, 141 San Fernando Valley, Cal., 95 San Francisco, Cal., 19, 62, 95 San Juan del Sur, Nicaragua, 79 San Mateo Ixtatán, Guatemala, 63 San Miguel, Colombia, 33 Sand, Michigan, 69 Market Market Sangha community, West Africa, 82 Santa Clara Pueblo, N. Mex., 63 Santa Cruz, Argentina, 116 Santa Cruz de la Palma, Canary Islands, 117 Santa Cruz de Tenerife, Canary Islands, 117 Santa Fe, N. Mex., 63 Santa Maria de Jesús, Guatemala, 63 Santa Monica, Cal., 62 Santiago, Chile, 8, 65, 98, 116, Santo Amaro Dam, Brazil, 129 Santo Domingo Pueblo, N. Mex., 63 Santos, Brazil, 20, 98 São Lourenço, Brazil, 48 São Paulo, Brazil, 98 São Salvador, Brazil, 20 Sarmaj, Iran, 51 Savannah, Ga., 29 Sawmills, Alabama, 137; Siberia, 137; West Virginia, 108. See also Wood pulp-industries Scandinavia, 20 Scilly Isles, 9 Scranton, Pa., 5, 18 Seattle, Wash., 7, 60, 142 Selima Oasis, Libya, 49 Serpent Mound, Ohio, 126 Sesame, Mexico, 57 Shaker culture, New York, 75 Shari River, French Equatorial Africa, 145 Shasta Dam, Cal., 95 Shea butternut, Uganda, 136 Shenandoah, Pa., 5 Ships:- Balsa boat, Bolivia, 109, 123, Ecuador, 58, Lake Titicaca, 42; Basket boats, Blasket Islands, 3; Canoe, Minnesota, 90; Canoes, sailing, Fiji Islands, 58; Cayuca, Panama, 27; Cotton packet, Mississippi River, 29; China, 123; Fishing boats, Java,

3; Mediterranean, 123; Philippine

Ships (cont.) Islands, 123; Flatboat, Mississippi River, 137; Freighter, Great Lakes, 42; Houseboat, Kashmir, 73; "Jangada" Brazil, 73; "Kelek", Iraq, 73; Koofa boats, Iraq, 90; "mtepe", Lamu Archipelago, 123; "Ngalawa", East Africa, 90; Ocean and river craft, United States, 137; Ore carrier, Great Lakes, 73; Rafts, Mississippi River, 123; River craft, Bengal, 58, Panama, 42; Sailboat, Aegean Sea, 58, Nile, 3; Sailing and small craft, 109; Steam packets, transatlantic, 89; Steamboats, Magdalena River, 109, Mississippi River, 6, 89; Zok, India, 3 Shishaldin, Mt., Alaska, 110 Shore platform, Guam, 105 Shorelines, California, 85; Colombia, 80; Hawaiian Islands, 39; Oregon, 105, 135; Pennsylvania,1; Puerto Rico, 79; Virgin Islands, Shuksan, Mt., Wash., 141 Sibenik, Yugoslavia, 35 Siberia, 101, 119, 146 Sicily, 35 Sikang-Assam road, 90 Silk, Brazil, 137 Silver, Mexico, 40 Simplon Pass, 65 Singapore, 102, 147 Sinter terraces, Sumatra, 106 Sioux Falls, S. Dak., 126 Sisal, Kenya, 108; Tanganyika, 123 Sitka, Alaska, 17, 59 Skeena River, British Columbia, 59 Smith Island, 54 Snow Mts., New Guinea, 120 Snowdon, Mt., Wales, 9 Soda Dam, N. Mex., 55 Soil erosion, 1, 69; Uganda, 135 Sollum, Egypt, 99 Soo Canal, 44 Sosua settlement, Dominican Republic, 128, 142 South Carolina, 29, 60, 111 South Dakota, 6, 18, 29, 75, 126 Spalato, Dalmatia - see Split Spices, 71 Spit, Pennsylvania, 1 Spitzbergen, 103, 120, 133 Split, Yugoslavia, 10, 81 Spokane, Wash., 142 Springs, 86

Stampalia Island, 65 Steel - see Iron and steel Stikine River, British Columbia, 59 Stirling, Scotland, 9 Stockholm, Sweden, 144 Stowe, Vt., 125 Strawberries, Japan, 136 Suez Canal, Egypt, 11, 82, 118 Sugar, Alabama, 71 Sugar beets, 108; Colorado, 88 Sugar cane, Louisiana, 88; St. Christopher, 16 Sugar central, Puerto Rico, 107 Sulphur, Texas, 87 Sumatra, 22, 120 Sunbury, Pa., 5 Superior, Wis., 44 Surinam, 80 Sustut River, British Columbia, 59 Sutter's Mill, Cal., 141 Swamps - see Marshes, swamps Sweden, 20, 34, 144 Switzerland, 10, 116, 129, 144 Sydney, Australia, 147 Syria, 100

Ta Li, Yunnan, 102 Taal, Lake and Mt., Philippine Islands, 120 Tabriz, Iran, 51 Tacoma, Wash., 113, 142 Tadjrish, Iran, 101 Tafel Berg (Table Mountain), Surinam, 80 Tahltan River, British Columbia, 59 Tahquamenon Falls, Mich., 76 Taiyuan, China, 102 Takht-i-Sulaiman, Iran, 51 Takla, Lake, British Columbia, 59 Taku Glacier, Alaska, 110 Tanana Crossing, Alaska, 59 Taneycomo, Lake, Mo., 93 Tarawera, New Zealand, 102 Tarma, Peru, 80 Tasmania, 132 Taughannock Falls, N. Y., 75, 139 Taunggyi, Burma, 102 Taxco, Mexico, 127 Taylor Park Dam, Colo., 96 Tea, Ceylon, 71; Japan, 52 Tecpán, Guatemala, 64 Tegucigalpa, Honduras, 127 Teheran, Iran, 131 Tehuelche Indian types, Argentina, 116 Temple, The, 105 Tequendama Falls, Colombia, 115

Terim, Arabia, 119 Terraced agriculture, Peru, 122 Texas, 18, 31, 60, 94, 112, 141 Textile industries, 26, 72, 122, 137. See also specific industries and fibers Thailand, 66, 147 Theodore Roosevelt Island, 125 "Thousand Springs", Idaho, 86 Three Sisters, Mt., Oreg., 94 Tibet, 12, 83, 101, 131 Tiburon Island, 7 Tides, Bay of Fundy, 1, 70 Tidikelt plain, Sahara, 15 Tierra del Fuego, 116 Timber rafts, Baltic Sea, 108 Timmins, Ontario, 91 Tin, 25; Bolivia, 71; Cornwall, 2; Malaya, 86, 87, 107, 137; Netherlands East Indies, 87 Tirana, Albania, 49 Titicaca, Lake, Peru-Bolivia, 128 Tobacco, 2, 72, 83, 88, 108; Con-necticut, 2; India, 72; Indiana, 108; Manchukuo, 72, 83; Missouri, 88; North Carolina, 88; Pennsylvania, 2; Puerto Rico, 108; Turkey, 108; Uganda, 136 Tobruk, Libya, 49 Tocopilla, Chile, 48 Todos los Santos, Lake, Chile, 98 Tools and implements, 27, 43, 109, 124, 138. See also Plows Toronto, Canada, 44, 74
Tozeur, Tunisia, 82 Transandine railroad, 135 Transhumance, Switzerland, 57, 137; Turkey, 108 Trans-Isthmian highway, 142 Transjordan, 119 Transportation: - Animal, Mexico, 73; Bullock carts, Chile, 90; Carts, China, 123; Chariot, Egypt, 123; Conestoga wagon, United States, 137; Ferry, Suez Canal, 73; Ox-drawn covered wagons, New Mexico, 58; Portage railroad, Pennsylvania, 3; Ship canal, Texas, 58; Sled, Manchuria, 73; Zebu cart, Thailand, 3 Tree crops, 26, 57, 72; Filberts, Turkey, 107 Trinidad, 64 Trinidad, Colo., 96 Tripoli, Libya, 21, 99 Tripoli, Syria, 35 Tristan da Cunha, 13

Trujillo, Honduras, 79
Ts'ang Shan mts., Yunnan, 102
Tsangpo River, Tibet, 83
Tucumcari, N. Mex., 63
Tulik, Mt., Alaska, 28
Tulip fields, Holland, 107
Tulsa, Okla., 45, 112
Tumaco, Colombia, 8
Tung oil, Louisiana, 41
Tunisia, 66
Turkey, 100, 118, 146
Turpentine still, Alabama, 72
Turut, Iran, 52
Tuya River, British Columbia, 59
Tygart Dam, W. Va., 140

Ucayali River, Peru, 80 Uganda, 145 Ulua Valley, Honduras, 8 Umánaq, Greenland, 37 Unalaska, 17 Unalaska Bay, Aleutian Islands, 110 United States, 4, 17, 18, 28, 44, 59, 74, 92, 110, 124, 139. See also names of states and cities Upernivik, Greenland, 103 Urubamba River, Peru, 142 Uruguay, 143 Ushba, Mt., Caucasus, 10 Ushuaia, Argentina, 116 Usumacinta River, 32 Utah, 31, 46, 95

Vaagan, Greenland, 37 Valle Grande, El, N. Mex., 56 Valley settlement, Italy, 40 Valparaiso, Chile, 129 Vanilla, Puerto Rico, 26 Varnitsa, Bessarabia, 49 Vaureal River Falls, Anticosti Island, 17 Vegetation, 1, 15, 40, 56, 86; Bamboo, Fukien, 25; Banyan tree, Bali, 40; Betel-nut palms, Hainan, 70; Cacti, Arizona, 40; Cedars, Bermuda, 42; Cedars of Lebanon, 15, 42; Cedars, red., 42; Cloud forest, 2; Desert, 40; Dragon tree, Canary Islands, 15; Dune grass, 1; Elephant-grass, Uganda, 135; Forest, Peru, 136; Frankincense tree, Socotra, 40; Grassland, Patagonia, 16; Guanacaste tree, Costa Rica, 56; Hydrophytic, Netherlands East Indies, 15; Joshua tree, Arizona, 121; man-

Vegetation (cont.) grove, Tanganyika, 86; Moor, Sweden, 15; Mountain, Colombia, 25; Papyrus swamp, Uganda, 145; Quebracho tree, Argentina, 70; Rain forest, 2, Malaya, 121, Mt. Kilimanjaro, 121; Reindeer moss, 86; Sand cay, 15; Savannah, Africa, 121, Colombia, 86, Tanganyika, 15; Shore, Netherlands East Indies, 15; Swamp, Tanganyika and Uganda, 121; Tree ferns, Hawaii, 121; Xerophytic, Brazil, 70; Argentina, 70; British Honduras, 2; Guatemala, 1; Honduras, 2; New Guinea, 2; New Zealand, 121 Venezuela, 8, 47, 64, 80, 97, 115 Vermont, 125 Victoria, British Columbia, 43, 110 Victoria Falls, South Africa, 11, 100 Vienna, Austria, 34, 145 Vineyards, Azores, 107; Cyprus, 41; New York, 71; Switzerland, 107 Virgin Islands, 8, 47, 80 Virginia, 75 Vladivostok, Siberia, 101, 119 Volcanoes, 55, 69, 85; Chilean An-Vsevidov, Mt., Alaska, 28

Wabash River, Ind., 112
"Wadi", 15
Wash, The, England, 33
Washington, D. C., 111, 125
Washington [State], 7, 31, 46, 60, 78, 94, 113, 126, 141
Washington, Mt., N. H., 92, 110
Washington, Mt., Oreg., 94
Water wheel, China, 109, 123; Egypt, 16; England, 27; Isle of Man, 16; Sudan, 27; Syria, 89; Turkey, 123
Waterfalls, 1, 11, 39, 105
Watkins Glen, N. Y., 75
Weathering, fretwork, 39
Welland Canal, Ontario, 74

Wellington, New Zealand, 67, 133 West Indies, 8, 19, 32, 47, 64, 97, 114, 127, 142 West Virginia, 111, 140 Wheat, China, 107 White River, Ark., 112 White River badlands, S. Dak., 75 White Sands, N. Mex., 55 Whitehorse, Yukon Territory 59 Whitney, Mt., Cal., 95, 127 Wilhelmina, Mt., New Guinea, 67 Wilkes-Barre, Pa., 5 William, Mt., Antarctica, 23 Wilson Dam, Ala., 77 Winchester, England, 20 Windmill, Barbados, 16; Crete, 16; England, 27; Minorca, 89; South Dakota, 72; Turkey, 137 Wind River Range, Wyo., 61, 127 Wisconsin, 45, 126 Wood-pulp industries, Georgia, 42; Japan, 88; Louisiana, 42; New Brunswick, 72; New York, 108; Newfoundland, 88; North Carolina, 89; Washington, 72, 108; Wisconsin, 123. See also Sawmills Woolen mill, New Zealand, 122 Wyoming, 7, 19, 61, 126

Yakima Valley, Wash., 31 Yalu River, Manchuria, 52 Yang Lao Kuan pass, Burma road, 102 Yellowstone Park, 61 York, Pa., 5 Yosemite Valley, Cal., 95 Yugoslavia, 10, 34, 65, 81

Zaharan, Arabia, 146
Zante, Ionian Islands, 65, 81
Zapallar, Chile, 129
Zia Pueblo, N. Mex., 63
Zinc, Kansas, 25; Tasmania, 122;
Wisconsin, 121
Zonguldak coal works, Turkey, 100
Zuñi Pueblo, N. Mex., 63
Zürich, Switzerland, 144

Vegetation (cont.) grows, Canganyiita, Réj Noor, Sweden, Léj Nountain, Colombia, E5; Regyrus
enturp, Vgandn, 145; Quebracho
tres, Argentina, VO; Rain forest,
2, Haluga, 121, Ha. Kilimmiaro,
121; Indindest Doan, O6; Sani Cay,
131; Sawanah, Africa, 121; Colombia, 85; Cangunging, 15; Ebore,
131; Tres ferm, Hantis, 15;
Harrist Tres ferm, Hantis, 121;
Chatening VO; Eritin Norders, 2;
Chatening VO; Eritin Norders, 2;
Chatening I; Norders, 2; Ess
Chatening I; Norders, 2; Norders, 2;

Constrain, 3, 47, 54, 50, 97, 115

Victoria, British Columbia, 43, 11: Victoria Falla, South Lindon, 11,

Vienne, Acatela, 56, 165 Viennesis, amorea, 107; Ogurus, 61; Lee York, 71; Settereland, 107

Virginia, 75

Visiteorick, Siberia, 101, 119 Voloncours, 55, 60, 95; Chileen Andes, 65

BE gained to the tours and

Sir , bnl , well medal

Tank, Die, Beland, 35

dering ton (State), 7, 61, 48, 60,

and doctor, the M. H. 14, 12, 110

Sater wheel, China, 100, 125; Smpt. 16; Smiland, 27; Isla of San, 16; Sedan, 27; Sprin, 99; Surkey, 125 Saterfalls, 1, 11, 29, 106

student lim, 1, 11, 29, 105 atting lim, 3, 7, 75 atting limburgh, 30 atting 10 atting 74

Dellington, New Zealand, 57, 155
Nest Andres, 8, 19, 52, 47, 64, 97,
Nest Virginia, 131, 140
Nest, China, 107
Nhite River, Ark., 112
Nhite Siver badlands, 5. Dak., 75
Nhite Sands, N. Max., 55
Nhite Sands, N. Max., 55
Nhiterann, Taken Parritory 50
Nhiterann, Taken Parritory 50
Nhiterann, Nico Cal., 95, 127
Nhiteran, Nt., Cal., 95, 127

Clican, Mt., Antaretics, 23 Clacon Dam, Ala., 77 Chebester, England, 20

induli, darbadom, la: Crete, la: England, 27; Minores, 80; South Dakota, 72; Turkny, 187

leconsin, 45, 126
cod-pulp industries, Georgia, 42;
depen, 88; Louisland, 42; New
Srunswick, 76; New York, 108; Newfoundland, 88; North Carolina, 89;

issiington, 72, 108; Haconsin, 123. See also Samills Goolen mill, New Zeeland, 122 Gyoming, 7, 18, 61, 126

Yakima Valley, Mash., 61
Yaka Miwar, Masoburta, 52
Yang Lab Luan pans, Marra road, 102
York, Pa., 5

Zaharan, Arabia, 148
Zante, lomian Islands, 65, 61
Zapallar, Chile, 120
Zia Fueblo, 11, 162., 65
Lino, Kansas, 25; Tasmania, 122;

Conguldak coal works, Nurkey, 100 Swil Puchlo, N. Mer., 63 Edirick, Switzerland, 144

SUBJECT INDEX

1 General Geography 11 Popular, 12, 17-19, 21, 25, 26, 29, 30, 42, 56, 57, 59, 63, 69, 70, 78, 81, 83, 85, 91, 95, 96, 111, 113, 117, 120, 122, 123, 125, 127, 144, 146, 154, 158, 160, 162, 166, 177, 190, 191, 198, 214, 217, 231-234, 263, 264, 271, 272, 277, 281, 282, 286, 288, 291, 298, 311, 319, 320, 322, 324, 341, 342, 353, 357 12 Scientific, 1, 18-20, 22, 27, 28, 30, 42, 48, 50, 55, 58, 62, 63, 66, 88, 89, 93, 95, 97, 98, 119, 122, 124, 125, 128-130, 134, 135, 150, 154, 161, 162, 165, 167, 169, 177, 189, 194-197, 200, 201, 227, 229-231, 233, 234, 237, 240, 243, 276, 282, 285-288, 293, 294, 297, 306, 322, 325, 336, 328, 350, 351, 359, 360, 362 13 Geographic Regions, 1, 24, 132, 144, 157, 201, 281, 321, 322, 324, 325, 353, 361 14 Yearbooks, Handbooks, 27, 56-58, 143, 190, 200, 229, 232, 292, 307, 318, 326 15 Guidebooks, 10, 12, 13, 15-17, 25, 27, 46, 47, 56, 78, 79, 82, 99, 115, 122, 151, 176, 177, 179, 182, 183, 185, 186, 221, 223, 226,

227, 230, 267, 268, 270-272, 275, 276, 314, 321, 348, 349

16 Scenery and Its Appreciation, 46, 91, 97, 135

2 Travel and Exploration, 14, 15, 18, 20, 30, 31, 33, 48, 51, 55, 62-65, 68, 70, 71, 83, 88, 96-98, 100, 101, 117, 118, 120, 122, 125, 129, 132, 135, 151, 156, 157, 159, 161-163, 165-168, 176, 180, 188-191, 199-201, 213, 216, 225, 229, 231, 232, 236-238, 240-242, 245, 247, 249, 261, 273, 276, 282, 287, 291, 295, 297, 308, 315, 320-322, 325, 327, 332, 341, 349, 352-354, 357-360, 362

25 Explorers' Manuals, 33, 135

3 Mathematical Geography, 33, 71, 135, 201 31 Size and Shape of the Earth, 101

32 Movements of the Earth, 249 321 Time, 1, 33, 201, 276

34 Determination of Positions, 33, 71, 100, 121, 122, 135, 167-169, 186, 190, 191, 195, 201, 281, 313, 333

345 Surveying, 1, 10, 13, 33, 42, 71, 88, 95, 101, 132, 135, 144, 183, 188-190, 201, 213, 214, 222, 226, 235, 249, 264, 270, 272, 280, 307, 320, 341, 352, 361

3454 Altitudes and Methods of Determination, 71, 311

3455 Photographic Surveying, 1, 12, 33, 55, 96, 101, 135, 154, 182, 201, 227, 249, 299, 328, 333

346 Marine Surveying, 341

347 Navigation, 31, 33, 71, 135, 169, 202, 299

39 Cartography, 33, 34, 49, 79, 101, 115, 136, 169, 177, 192, 232, 238, 249, 264, 273, 327

3911 Projections, 33, 71, 101, 202, 299

395 Maps, 20, 29, 34, 41, 42, 46, 48-51, 54, 56, 57, 60, 63, 69, 71, 81, 87, 88, 98, 100, 102, 111, 112, 114, 115, 118, 122, 127, 129, 133, 149, 152, 161, 166, 176, 181-184, 186, 188, 190, 196, 200, 201, 212, 220, 228, 231, 235, 237, 241, 243, 244, 247, 250, 264, 282, 283, 285, 292, 294, 295, 298, 299, 308, 319, 320, 321, 326, 333, 340, 341, 344, 350, 356

4 Physical Geography: Biogeography, 34, 282

401 Distribution of Land and Water, 178

41 Geophysics; Geochemistry, 1, 14, 15, 34, 43, 45, 47, 53, 56, 58, 65, 71, 87, 100, 102, 131, 132, 134, 162, 198, 202, 214, 250, 292, 307, 321, 333, 351

42 Geology, 26-28, 34, 45, 47-49, 52, 54, 60, 64, 79, 81, 84-87, 89, 90, 94, 95, 100, 102, 110, 111, 116, 117, 119, 123, 130-134, 136, 149-152, 154-156, 164, 167, 169, 177, 178, 182-184, 186, 187, 189, 191, 193, 195, 198, 200, 203, 213, 214, 216, 217, 223, 225, 229, 230, 232, 236, 238, 242, 250, 261-263, 267, 270, 274, 275, 277,279, 281, 283, 284, 288, 289, 292, 294, 297, 298, 307, 308, 313, 314, 320, 323, 326, 331, 333, 340, 341, 346, 358, 361, 362

421 Geochronology, 1, 31, 34, 72, 86, 117, 136, 170, 181, 203, 250,

299, 355

43 Geomorphology, 1, 9, 12, 21-24, 27, 28, 31, 34, 42, 43, 48, 54, 61, 69, 72, 83, 84, 92, 95, 97, 98, 102, 115, 116, 123, 127, 128, 131, 132, 136, 147, 149, 154, 159, 163, 167, 168, 183, 191, 194, 195, 200, 203, 213, 218, 224, 225, 229, 241, 245, 247, 250, 267, 280, 282, 287, 290, 300, 308, 316, 317, 327, 333, 350, 362

4301 Physiographic Regions, 8, 97, 133, 148, 245, 317, 327, 360

431 Work of Forces in the Interior of the Earth, 2, 10, 18, 34, 45, 49, 52, 61, 72, 85, 86, 99, 102, 136, 152, 159, 170, 180, 203, 220, 242, 246, 251, 274, 277, 286, 292, 295, 300, 323, 333,

4315 Volcanoes and related forms, 119, 128, 132, 151, 161, 162, 170, 184, 186, 193, 225, 246, 251, 295, 330, 348, 357, 359
4316 Seismology: Earthquakes, 8, 17, 19, 25, 30, 43, 51, 72, 90, 96, 102, 103, 109, 128, 130-132, 134, 136, 153, 157, 203, 242,

248, 251, 271, 275, 294, 296, 317, 325, 330, 345, 347

432 Work of the Atmosphere, 51, 72, 136, 148, 152, 200, 203, 243, 246, 334, 361

4324 Loess, 92, 251

347, 348, 359

4327 Soils, 2, 10, 14, 15, 17, 24, 27, 34, 35, 43, 46-50, 54, 57, 65, 72, 73, 79, 82, 83, 85, 103, 111, 113, 122, 132, 137, 145, 162, 165, 166, 178-180, 182, 185, 200, 203, 204, 219, 221, 232, 243, 244, 246, 251, 252, 264, 267-273, 275, 279, 281, 293, 296, 298, 300, 307, 308, 312-319, 323, 337-329, 331-334, 344, 347, 354, 355, 358

433 Work of Flowing Surface Water, 2, 72, 169, 197, 217, 300
4332 River valleys, 2, 18, 22, 24, 53, 54, 61, 81, 93, 116, 146, 149, 169, 203, 224, 236, 238, 247, 252, 272, 284, 296, 300, 330, 334, 347

434 Work of Subterranean Water, 28, 84, 130, 235, 238, 252, 270, 282, 350

435 Work of (or in) Standing Water, 12, 16, 25, 56, 72, 82, 86, 94, 118, 137, 148, 154, 170, 203, 216, 239, 246, 247, 300, 334, 355

436 Ice Sheets, Glaciers, Ground Ice and Their Work, 10, 15, 20, 21, 24, 28, 35, 45, 51, 54, 60-62, 69, 73, 91, 99, 103, 110, 118, 128, 132, 133, 137, 153, 168, 170, 182, 184, 186, 189, 193, 198, 204, 212, 220, 224, 225, 239, 246, 252, 282, 283, 285, 286, 288, 297, 300, 308, 314, 316, 317, 334, 339, 342, 346, 356, 360, 362

439 Land Forms Due to Different Agencies, 2, 13, 35, 49, 52, 69, 72, 96, 103, 109, 112, 151, 152, 161, 163, 236, 240, 252, 272, 280, 286, 315, 317, 335, 347-349, 353, 356

4394 Mountains, 12, 15, 28, 46, 51, 62, 63, 81, 85, 103, 122, 128, 137, 152, 153, 156, 180, 185, 192, 193, 216, 217, 219, 222,

4 Physical Geography: Biogeography (cont.)

4394 Mountains (cont.), 224, 225, 229, 234, 239, 242, 263, 277, 280-

283, 300, 308

43945 Mountaineering, 2, 20, 29, 42, 46, 57, 58, 61, 62, 66, 69, 98, 103, 137, 144, 153, 156, 170, 190, 192, 217, 230, 241, 262, 294, 320, 353

43946 Landslides, Avalanches, 21, 54, 72, 103, 131, 203, 285, 355 44 Waters of the Lands, 53, 58, 61, 84, 91, 111, 114, 115, 123, 144, 153, 158, 151, 171, 184, 204, 217, 223-225, 235, 252, 275, 288, 321, 322, 344, 347, 348

441 Rivers; Potamology, 10, 13, 18, 19, 23, 35, 42, 43, 46, 51, 52, 64, 73, 90, 111, 137, 138, 144, 151, 164, 170, 181, 189, 194, 200, 214, 225, 227, 230, 234, 239, 252, 267, 271, 275, 281, 285, 316, 317, 320, 335, 343, 345, 347, 348, 351, 354

442 Lakes; Limnology, 52, 54, 87, 92, 159, 170, 191, 204, 227, 230,

236, 240, 241, 252, 271, 290, 316, 323, 356

443 Subterranean Waters, Including Ground Water, 13, 14, 35, 48, 49, 52, 83, 85, 116, 132, 155, 160, 164, 167, 170, 178, 184, 192, 196, 200, 204, 222-225, 252, 270, 297, 311, 314, 316, 343-345, 347, 348, 361

444 Springs, Hot Springs, Geysers, etc., 61, 97, 221, 335

45 Oceanography, 36, 73, 99, 100, 103, 134, 138, 144, 154, 158, 164, 247, 253, 301, 313, 320, 332, 355, 363

451 The Sea Floor, 31, 32, 36, 73, 100, 103, 109, 118, 133, 165, 204, 225, 228, 247, 253, 295, 298, 306, 362

452 Composition, Salinity, etc. of Sea Water, 31, 36, 69, 93, 103, 110, 124, 133, 168, 247, 261, 289, 355, 356, 362, 363

453 Movements of Sea Water, 2, 24, 45, 61, 70, 94, 103, 118, 131, 138, 148, 154, 157, 165, 166, 168, 171, 179, 204, 247, 253, 289, 292, 298, 330, 332, 335, 352

459 Marine Biology, 45, 81, 86, 96, 138, 158, 166, 180, 204, 217, 335, 352, 363

46 Meteorology and Climatology, 36, 73, 130, 171, 253, 271, 294, 301,

461 Meteorology, 3, 28, 36, 54, 67, 73, 74, 79, 82, 103, 104, 111, 138, 159, 161, 162, 171, 187, 198, 199, 204, 205, 224, 235, 253, 278, 290, 295, 301, 312, 316, 323, 328, 332, 336, 346, 348, 355,

4612 Temperature, 73, 92, 162, 168, 194, 199, 205, 268, 284, 335 4614 Atmospheric Circulation, 46, 54, 65, 90, 99, 111, 120, 123, 163, 167, 180, 189, 205, 214, 229, 243, 244, 246, 253, 301, 328

46151 Precipitation, 3, 15, 20, 58, 59, 68, 73, 94, 119, 130, 131, 150, 151, 153, 158, 171, 186, 195, 227, 234, 238, 273, 279, 284, 285, 291, 308, 311, 317, 319, 325, 327, 335, 343, 348, 350

46159 Droughts, 122, 253, 281, 290, 301, 314

461.10 Weather Forecasting, 104, 171, 205, 253, 278, 336

462 Climatology, 3, 9, 12, 23, 42, 52, 54, 57, 61, 64, 74, 88, 92, 97, 100, 104, 123, 128, 132, 133, 138, 148, 152, 166-168, 171, 185, 187-189, 196, 205, 212, 221, 224, 226, 235, 237, 241, 242, 247, 248, 253, 273, 282, 285, 286, 290, 297, 314, 327, 329, 336,

4621 Climatic Regions, 41, 65, 130, 171, 187

47 Biogeography, 78, 109, 123, 133, 240, 241, 253, 297, 301, 321 472 Plant Geography or Phytogeography, 3, 14, 17, 19, 22, 26, 27, 30, 31, 36, 49, 56, 63, 74, 82, 84, 86, 87, 91, 92, 99, 104, 110, 117, 121, 123-125, 127, 138, 148, 152, 156, 157, 159, 163, 167, 168, 171, 181, 185, 188, 190, 191, 195, 205, 214, 217, 219, 225,

4 Physical Geography: Biogeography (cont.)

472 Plant Geography or Phytogeography (cont.), 226, 229, 234, 236-238, 240, 241, 246, 254, 260, 267, 269, 270, 272, 275, 278-281, 284, 285, 293, 295-297, 301, 308, 312, 317-319, 322, 323, 326, 328-332, 336, 341, 344, 352, 354, 355, 361

473 Vegetational Regions, 95, 157, 185, 205, 220, 229, 290, 293,

322, 344

474 Animal Geography or Zoogeography, 3, 9, 17, 31, 36, 56, 59, 74, 79, 87, 88, 95, 97, 104, 110, 127, 131, 133, 144, 154, 171, 176-180, 188, 189, 191, 198, 227, 230, 238-240, 242, 245, 254,

261, 277, 281, 290, 291, 294, 302, 318, 331

5 Human Geography, 3, 8, 9, 12, 16, 24-26, 28-30, 56, 57, 61-64, 68, 69, 74, 84, 89, 90, 92, 93, 95, 97, 115, 119-121, 125, 129, 130, 149, 152, 158, 163-165, 175, 176, 190, 194, 195, 197-199, 205, 218, 227, 231, 234, 235-237, 240, 241, 243-246, 248, 254, 276, 278, 280-282, 285, 286, 288, 291, 319, 321, 325, 346, 351-354, 356, 359, 360, 362

5001 Comprehensive Statistics: Statistical Methods, 9, 10, 17, 24, 31, 43, 57, 58, 64, 66, 79, 81, 85, 99, 113, 114, 125, 127, 143, 147, 149, 152, 155, 156, 158, 171, 178, 181, 183-185, 190, 198, 205, 212, 217, 218, 220, 221, 223-228, 230, 243, 254, 260, 264, 265, 267-273, 279, 288, 329, 341, 342, 353

501 Man and Environment, 3, 74, 104, 121, 205, 206, 248, 254, 263,

297, 302, 331

51 Physiological Geography, 3, 17, 25, 30, 32, 68, 74, 78, 88, 95, 96, 104, 118, 150, 155, 164, 172, 178, 188, 198, 206, 212, 214, 217, 221, 226, 231, 238, 239, 254, 265, 275, 276, 280, 295, 296, 312, 320, 324, 326

52 Geography of Population, 3, 17, 21, 23, 42, 50, 61, 62, 70, 74, 86, 91, 104, 124-126, 147, 157-160, 178, 191, 192, 237, 241, 282, 285,

287, 290, 302, 343, 354, 360, 363

522 Density and Distribution of Population, 49, 60, 66, 80, 94, 119, 151, 153, 165, 172, 178, 191, 192, 206, 214, 216, 226, 236, 275, 284, 292, 325, 341, 344, 345, 349, 352

523 Composition of Population, 4, 15, 19, 22, 24, 27, 36, 62, 63, 82, 88, 90, 93, 127, 130, 149, 160, 175, 176, 185, 192, 199, 206, 212, 217, 237, 239, 240, 243, 244, 265, 283, 285, 287, 309, 311, 314, 318, 322, 323, 340, 341, 343, 354, 356

524 Movements of Population, 4, 10, 11, 19, 22, 23, 30, 43, 45, 47, 51, 58, 67, 89, 91, 97, 98, 112, 120, 124, 215, 231, 233, 235,

254, 265, 275, 279, 291, 312, 319, 341, 343, 355 5243 Settlement of Population on the Land, 14, 18, 19, 52, 83, 84, 86, 91, 97, 99, 100, 104, 110, 114, 116, 120, 124, 125, 128, 150, 153, 156, 157, 160, 176, 182, 191, 196, 223, 227, 231, 238, 239, 262, 263, 265, 279, 280, 283, 290, 296, 307, 311, 312, 314, 321, 345, 346, 349, 358

525 Forms of Settlement, 9, 57, 59, 60, 68, 70, 75, 82, 87, 92, 94, 97, 114, 116, 148, 150, 152, 154, 160, 162, 166, 176, 187, 192, 206, 218, 220, 239, 268, 269, 287, 313, 314, 336, 345, 360, 363

5251 Rural Settlements; Villages, Farms, etc., 9, 10, 16, 22, 23, 36, 37, 47, 50, 59, 80, 91, 98, 99, 115, 125, 145, 149, 159, 178, 215, 223, 233, 265, 283, 287, 289, 313, 328, 341, 343, 354, 357

5252 City Coography, 4, 12-15, 19, 20, 22, 24, 25, 31, 37, 43, 45-47, 49, 50, 52, 53, 56, 60, 65, 66, 68, 75, 81-84, 86-88, 90, 91, 93, 95, 99, 104, 109, 112, 113, 115-117, 121, 123-125, 131, 138, 139, 145-153, 155, 157-159, 166, 172, 177, 178, 180, 181, 184, 188, 191, 192, 197, 200, 206, 212, 215, 216, 2195 Human Geography (cont.)

5252 City Geography (cont.), 221, 223, 230-233, 237, 241, 244, 265, 267-269, 273, 275-277, 280, 283, 285-287, 293, 294, 302, 311-314, 316, 322, 323, 326-329, 331, 341-345, 348, 349, 351, 359, 360

53 Economic Geography, 4, 8, 11, 20-23, 25, 27, 30, 51, 55, 56, 58, 62, 63, 65, 66, 68, 78-80, 84, 88, 89, 93, 94, 98, 105, 113, 116, 119, 120, 121, 123-126, 128-132, 139, 144, 149, 158, 161, 165, 172, 176, 181, 187, 188, 189, 192, 194-196, 199, 207, 215, 217, 221, 227-229, 231, 233-236, 242-244, 246, 262, 265, 269, 277, 279-289, 291-293, 295, 296, 302, 309, 312, 319, 322, 329, 330, 336, 341, 346, 351, 353, 354, 356, 358-362

531 Natural Resources and Industries Based on Them, 4, 28, 48, 50, 51, 83, 87, 100, 122, 151, 178, 193, 196-199, 215, 265, 273,

277, 283, 293, 309, 322, 336, 343, 349, 358, 360

531001 Conservation of Natural Resources, 10, 13, 15, 43, 80, 112,

207, 215, 254, 255, 273, 295, 302, 336

53101 Land Utilization, 4, 10, 21, 27, 37, 46, 48-50, 52, 54, 56, 59, 60, 65, 69, 75, 78, 80, 82, 84, 86, 94, 99, 112, 115, 145, 147, 157, 165, 178, 182, 193-195, 208, 214, 218, 223, 224, 230, 233, 234, 239, 246, 255, 265, 267, 268, 270, 272, 273, 284-286, 296, 302, 307, 308, 313, 314, 316, 318, 319, 323, 327, 328, 330-332, 341, 345, 363

531014 Reserves, Parks, etc., 12, 47, 50, 78, 95, 115, 117, 144, 145, 149-153, 176, 178, 181, 186, 214, 218-220, 262, 265, 274,

309, 312, 319, 322, 343, 345, 346

5311 Mineral Resources; Mining; Manufactures Based Essentially on the Use of Mineral Resources, 4, 8, 10, 16, 20, 37, 42, 50, 51, 59, 68, 78, 80, 81, 85, 86, 98, 105, 110, 117, 121, 123, 127, 128, 130-132, 145, 147, 151, 153, 155, 156, 164, 178, 184, 186, 189, 191, 194, 199, 208, 214, 217, 219, 223, 225, 230, 231, 255, 264, 265, 267, 269, 275, 277, 281, 282, 292-295, 297, 302, 303, 309, 311, 314, 317, 322, 340, 342, 345, 347, 354, 359

53112 Metals and Manufactures Based Thereon, 8, 12, 17, 20, 28, 42, 46, 50, 53, 54, 64, 75, 80, 82, 99, 105, 113, 115-118, 131, 139, 156, 164, 172, 180, 182, 185, 186, 190, 197, 208, 213, 219-221, 223, 225, 226, 231, 239, 240, 245, 255, 261, 263, 273-275, 280, 282, 283, 292, 295, 297, 303, 314, 316, 317, 329-331, 336, 348,

353, 358, 361, 362

53113 Non-Metals and Manufactures Based Thereon, 8, 14, 19, 31, 51, 59, 65, 80, 83, 95, 105, 113, 114, 127, 139, 165, 183, 184, 186, 208, 217, 219, 223, 224, 235, 241, 242, 245, 255, 260, 267, 271, 274, 309, 314, 317, 344, 354, 357, 358

531137 Coal, 4, 8, 52, 80, 83, 84, 130, 144, 159, 176, 231,232, 266,

268, 271, 309, 323, 331, 343, 354, 355

53113.17 Petroleum, Natural Gas, By-Products, 4, 8, 13, 16, 50, 57, 75, 79, 83, 92, 93, 105, 110, 113, 129, 130, 147, 150, 172, 179, 182, 197, 208, 216, 219-223, 226, 231, 236, 255, 262, 263, 266, 268, 288, 289, 292, 295, 311, 314, 327, 345, 347, 352, 360

53112 Food Supply, 4, 20, 37, 59, 66, 69, 75, 97, 105, 122, 127, 159, 178, 179, 192, 198, 208, 233, 239, 261, 274, 283, 290, 303,

323, 336

5312 Agriculture, 5, 9, 10, 14, 17-19, 21, 25, 27, 28, 30, 32, 37, 43, 48, 50, 56-60, 62-66, 70, 75, 80-85, 87, 88, 93, 95, 97, 99, 105, 115-118, 120, 123-126, 131, 139, 149, 151, 155, 157, 161, 163, 165, 167, 172, 179-181, 184, 185, 187, 193, 196, 200, 208, 214, 215, 217-219, 221, 230, 231-234, 239, 243, 244, 255, 256,

5 Human Geography (cont.)

5312 Agriculture (cont.), 261-263, 268, 270, 272, 274-276, 279, 280, 283, 286, 288, 293, 296, 303, 307, 309, 311, 312, 315-318, 321-323, 326, 327, 330-332, 337, 342, 344, 347-349, 353-355, 358, 360, 361

53125 Vegetable Products, 5, 7, 9, 13, 16, 17, 19, 23, 26-28, 37, 43, 50, 52-54, 59, 61, 66, 67, 70, 75, 76, 78, 81, 85, 87, 88, 94, 97, 99,105, 106, 114, 116, 119, 126, 129, 130, 139, 145, 151, 154, 160, 162, 165, 168, 172, 173, 179, 182, 187, 199, 208, 209, 215, 224, 228, 229, 232, 233, 239, 240, 245, 256, 266, 271, 274, 276-278, 282, 289, 290, 294, 303, 304, 307, 309, 314, 315, 321, 326, 327, 331, 332, 337, 342, 345, 358, 359

5313 Forests and Forestry, 5, 10, 11, 13, 14, 16, 17, 27, 28, 38, 43, 45, 48, 51, 52, 64, 67, 76, 78, 81, 82, 85, 104, 106, 112, 114, 118, 120, 126, 128, 129, 147, 148, 152, 157, 159, 173, 181, 182, 185, 187, 195, 196, 207, 209, 214, 215, 218-221, 224, 232, 239, 243, 244, 256, 265, 268, 269, 272-274, 289, 295, 304, 310, 313, 323, 328-331, 341-344, 346, 361

53132 Textile Industries, 5, 6, 38, 43, 58, 76, 81, 86, 109, 129, 156, 157, 163, 173, 198, 199, 223, 226, 266, 284, 289, 293,

309, 315, 342, 351, 359

5314 Animal Industries and Products, 6, 8, 10, 14, 21, 29, 38, 41, 42, 43, 44, 59, 67, 81, 82, 86, 90, 112, 114, 139, 145, 146, 150, 152, 154, 157, 166, 167, 179, 182, 189, 193, 196, 199, 208, 209, 215, 220, 232, 239, 241, 256, 257, 261, 262, 264, 266, 273, 274, 276, 279, 282, 290, 295, 304, 306, 309, 313, 316, 318, 320, 322, 332, 340, 354

5315 Products of Oceans, Rivers, and Lakes, 26, 30, 52, 65, 111, 139, 140, 151, 165, 166, 173, 224, 244, 245, 264, 267, 284,

286, 298, 309, 311, 317, 330, 358, 361 53156 Whaling, 70, 106, 166, 257, 343

532 Geography of Manufacturing Industries, 6, 14, 16, 20, 22, 44, 46, 47, 51, 53, 60, 66, 67, 83, 85, 92, 98, 110, 112, 113, 121, 124, 140, 145, 146, 150, 153, 157, 161, 163, 164, 173, 177, 179, 184, 192, 198, 199, 209, 215, 224, 226, 227, 233, 236, 238, 240, 242, 257, 266, 271, 274, 285, 286, 296, 304, 307-309, 311, 317, 318, 320, 324, 328, 329, 343, 344, 347,

533 Transportation and Communication, 38, 56, 57, 76, 84, 112, 126, 144, 151, 156, 164, 194, 198, 207, 212, 215, 237, 307, 315,

344, 350, 351, 362

5331 Land Transportation, 6, 10-12, 18, 23, 29, 42, 44, 46, 47, 49, 51, 56, 62, 64, 67, 76, 81, 86, 94, 112, 120, 121, 127, 129, 144, 145, 147, 150, 151, 176, 179, 180, 181, 183, 190, 197, 198, 207, 227, 229-232, 257, 261, 262, 266-268, 272, 274, 276, 277, 279, 281, 282, 284, 289, 291, 293, 310, 311, 315, 319-322, 326, 337, 339, 340, 342, 345, 347, 349, 350, 352, 357-359

5332 Water Transportation, 12, 15, 17, 20, 22, 25, 28, 38, 44, 46, 55, 60, 81, 90, 91, 97, 106, 111, 145, 147, 149, 158, 177, 181, 192, 207, 215, 216, 228, 234, 248, 257, 264, 268, 269, 284, 289,

304, 308, 310, 314, 337, 345, 352, 353 5333 Aviation, 6, 7, 44, 57, 76, 87, 113, 125, 179, 188, 189, 198,

207, 224, 288, 298, 304, 310, 337, 340, 345, 354

534 Commerce, Trade, etc., 9, 11, 16, 21, 28, 38, 44, 54-59, 66, 80, 84, 87-90, 93, 97, 106, 112, 117, 118, 120, 124, 126, 127, 129, 140, 146, 150, 155, 157, 173, 176, 179, 187, 189, 191, 197, 200, 228, 229, 233, 243, 257, 263, 266, 270, 272, 274,

- 371 -5 Human Geography (cont.) 534 Commerce, Trade, etc. (cont.), 277, 278, 284, 286, 290, 295, 296, 304, 310, 311, 313, 315, 318, 331, 353, 356 535 Labor, 9, 44, 87, 178, 216, 266, 268, 290, 296, 304, 330, 342, 536 Finance, Wealth, etc., 14, 59, 155, 209, 227, 266, 271 54 Political Geography, 6, 7, 11, 17, 20, 21, 23-27, 29-32, 44, 54, 58, 62, 63, 65-67, 69, 76, 87, 89, 91, 93, 94, 96-98, 106, 110, 112, 118, 120, 123, 125, 130, 133, 143, 160, 161, 165, 175, 179, 191, 195, 198-200, 209, 213, 225, 228, 229, 233, 235, 237, 240, 242-244, 246, 248, 257, 261, 266, 279, 281, 291-295, 297, 298, 304-307, 310, 324, 325, 328, 337, 342, 346, 350, 351, 353-357, 359, 360, 362 5411 Colonies and Colonial Policy, 23, 63, 69, 92, 122, 157, 161, 195, 235-237, 242, 263, 294, 295, 323, 324, 329, 354, 357, 358 545 Boundaries, 8, 11, 23, 42, 44, 58, 88-91, 110, 121, 143, 154, 155, 190, 192, 198, 209, 230, 231, 238, 240, 243, 244, 257, 269, 277-260, 290, 313, 320, 324, 337, 352, 353 55 Social and Cultural Geography, 6, 14, 16-21, 25, 27, 30, 38, 42, 47, 52, 55, 63, 64, 66-69, 78, 79, 91, 95, 98, 106, 110, 112, 114, 115, 119, 120, 123, 140, 144, 147, 149, 152, 157, 159, 162-168, 173, 176, 179, 180, 185, 188, 199, 213, 219, 220, 223, 226-228, 230, 232-235, 237, 238, 240, 243, 246, 257, 258, 261, 264, 269, 271, 272, 274, 277, 278, 280, 282, 286, 287, 290-292, 296, 297, 306, 310, 312, 319-322, 332, 337, 340, 343, 345, 347, 350, 354, 357-359, 361, 362 5501 Archaeological Monuments, 15, 16, 19, 22, 29, 31, 38, 39, 41, 42, 47, 51, 53, 55, 58-61, 63, 64, 84, 85, 89, 96, 97, 109, 115, 117, 119, 120, 121, 123, 127-129, 140, 143, 147, 148, 152-155, 159, 163-165, 181, 193-195, 197, 221, 222, 226-228, 230, 233-235, 241, 258, 261, 268, 275, 277, 279, 280, 284, 286, 288, 289, 291, 296, 311, 318-320, 323, 325, 326, 328-330, 344, 345, 347, 351-551 Linguistic Geography, 39, 42, 49, 55, 59, 65, 68, 90, 118, 129, 140, 156, 166, 174, 185, 187, 188, 198, 209, 210, 231, 242, 244, 269, 278, 280, 285, 313, 315, 316, 321, 323 5515 Geographical Nomenclature, 13, 39, 51, 66, 106, 123, 131, 133, 140, 148, 158, 160, 181, 185, 195, 196, 233, 242, 285, 306, 338, 360 552 Religions, 6, 29-31, 38, 68, 121, 129, 164, 197, 227, 236, 258, 292, 294, 323, 324 5521 Material Culture, 11, 19, 24, 25, 31, 38, 45, 49, 53, 60, 64, 66, 67, 69, 76, 110, 117, 118, 121, 126, 127, 156, 158, 161, 163, 165, 167, 187, 190, 195, 197, 213, 238, 240, 261, 277, 284, 285, 288, 296, 310, 326, 349, 351 553 Customs, Folk-Lore, etc., 6, 11, 30, 48, 53, 59, 67, 95, 110, 118, 129, 140, 141, 157, 179, 190, 198, 219, 230, 245, 284, 296, 316, 326, 330, 338, 348, 360, 361 554 Education, Intellectual Life, etc., 38, 69, 118, 119, 129, 146, 150, 216, 313, 318, 328, 349 56 Military Geography, 6, 8, 11, 17, 20, 22, 26, 29, 41, 45, 55, 60, 62, 76, 78, 83, 91, 97, 98, 106, 107, 110, 122, 125, 126, 128, 129, 132, 135, 141, 146, 151, 158, 164, 167, 174, 175, 187, 189, 210, 212, 213, 227, 228, 238, 241, 243, 244, 247, 258, 278, 281, 288, 292-294,

6 History of Geography, 39, 141, 174, 210, 258 62 Orient to 600 A.D., 39, 174, 258

63 Egyptians to 333 B.C., 141

298, 319, 325, 327, 332, 338, 342, 349, 352, 355, 357, 360, 361

⁶⁴ Carthaginians, Greeks, and Romans to 150 A.D., 76, 210, 258

6 History of Geography (cont.)

65 Orient 600 A.D.-1800 A.D., 39, 305

66 Western Europeans 150-1300, 77, 107, 258

- 67 Western Europeans 1300-1600, 39, 77, 107, 141, 142, 174, 210, 258, 259, 305, 338
- 68 Western Europeans 1600-1800, 6, 39, 40, 77, 107, 108, 141, 142, 174, 210, 211, 258, 259, 305, 338
- 69 Western Europeans 1800 to date, 39, 40, 77, 107, 108, 141, 259, 305,
- 7 Educational Aspects of Geography; Geographical Institutions, 195
 - 71 Methodology; Textbooks, 6, 7, 40, 45, 48, 55, 77, 108, 174, 175, 211, 259, 281, 305, 338, 339
 - 75 Geographical and Related Institutions, 11, 87, 142, 175, 211, 320,
- 8 Aids to Geographical Study: Collections

 - 801 Geographical dictionaries, 350 81 Bibliographies, 9, 17, 22, 24, 46, 55, 82, 87, 92, 109, 116, 119-122, 147, 150, 154, 159, 164, 180, 194, 212, 247, 271, 272, 276, 282, 295, 296, 306, 318, 324, 326, 330, 332, 349, 361
 - 82 Gazetteers, 134, 351
 - 83 Atlases, 40, 93, 143, 160, 240
 - 85 Periodicals, 40, 54, 77, 95, 108, 143, 158, 211, 276, 318, 339, 349,
 - 86 Biographies, 7, 40, 41, 77, 108, 109, 143, 175, 211, 212, 259, 260, 306, 339, 350
- 9 History, 22, 30, 57, 64, 77, 82, 96, 99, 113, 114, 116, 119, 122, 125-127, 143, 145, 149, 150, 156, 157, 162, 175, 179-181, 183, 187, 193, 197, 226, 228, 231, 238, 240, 242, 243, 260, 267, 276, 283, 287, 290, 297, 306, 326, 343, 356
 - 901 Relation of Geography and History, 25, 260
 - 91 Prehistory, 78, 124, 192, 260, 267, 298, 326
 - 94 750-1500 A.D., 20, 193, 287, 325

 - 95 1500-1650, 117, 127, 229, 280, 287, 325, 351 96 1650-1800, 9, 11, 47, 84, 87, 116, 117, 122, 144, 147, 153, 161, 177, 229, 263, 266, 278, 287, 314, 325, 351, 360
 - 97 1800-1900, 9, 11, 29, 48, 50, 84, 87, 115, 122, 153, 160, 161, 165, 183, 184, 196, 220, 270, 278, 287, 315, 325, 351, 360
 - 98 1900 to Date, 87, 153, 160, 278, 287, 306, 325, 358, 360

MES-000 DES 1805 LOS VAS 100 DAS 100 100 000 000 TES

Commission of designation bell 174, 250 commission of the 250, 250 commission to 250

AUTHOR AND REGIONAL INDEX

Pages marked with an asterisk indicate maps, and underscored items biographical material. Abbreviations: ed., editor; comp., compiler; tr., translator.

Aagaard, Bjarne, 107, 132 Aario, Leo, 124 Abarquez, Ramón, 130 Abbey, K. T., 114 Abbot, C. G., 73, 204 Abeele, M. Van den, 289 Abernathy, G. E., 83 Abreu, Florencio de, 90 Ackerman, E. A., 41, 46, 267 Acquarone, Francisco, 254 Adams, C. C., 180 Adams, E. B., 17 Adams, Ansel, 186 Adams, J. A., 255 Adams, J. Q., 70 Adams, John, 174 Adams, K. T., 111 Adams, L. M., 223 Adams, R. McC., 221 Adams, Virginia, 186 Adamson, A. M., 105 Adamy, Othilo, 90 Addor, Carlota, 59 Aden, Arabia, 96 Adkins, J. N., 8 Africa (general), 26, 62, 95, 125, 161, 195, 237, 288, 326, 357 Africa, Central, 26, 95, 162, 196, 237, 289, 326, 357 Africa, East, 27, 63, 95, 126, 152, 196, 238, 289, 358 Africa, North, 26, 63, 126, 162, 195, 237, 288 Africa, South, 27, 63, 95, 126, 162, 196, 240, 290, 326, 358 Africa, West, 26, 63, 95, 126, 162, 237, 289, 326, 357 Agnew, J. M., comp., 82 Agostini, A. M. de, 282, *282 Agostini, S. S. de, *283 Aguiar, F. G. de, 321 Aguilar, Gregorio, 350 Aguilar, Luis, 67 Aguilar Paz, Jesus, *228 Ahlmann, H. W., 193, 235, 247, 356, Ahmad, Fakhruddin, 360 Ahmad, Kazi, 360 Ahnert, Edward, 175 Ahrens, L., 6 Aikman, Duncan, 16

Aiton, A. S., 107 Aked, G. D., 209 Alabama - see U. S., Southern, U.S., South Central Alaska, Planning council, 78, 306 Alaska. Territorial board of road commissioners, comp., *176 Alaska. Territorial highway engineer, 176 Alaska. 8, 41, 78, 109, 144, 176, 212, 261, 306, 339 Albani, D., 25 Albanov, D., 28 Albers, J. M., 48 Albert Canal, 234 Albrecht-Carrié, René, 324 Albright, W. F., 39, 64 Albritton, C. C., jr., 35, 183 Alcedán, V. C., 19 Alcock, F. J., 79, 263, 308 Aldrich, J. W., 87 Alexander, E. R., 115 Alexander, F. DeW., 50 Alexander, Fred, 130 Alexander, H. B., 44 Alexander, William, 299
Alexandria, Egypt, *63 Alfke, C. J., 181 Ali, Barkat, 301, 328 Alicante, M. M., 329 Allan, H. H., 30, 246 Allan, P. F., 252, 255 Allan, W. J. D., 299 Alldis, V. R., 99, 204 Allen, H. B., 211 Allen, J. E., 224, 225 Allen, Kenneth, 85 Allen, W. E., 86 Alley, Rewi, 327 Allis, Marguerite, 12, 81 Allison, I. S., 84 Allred, B. W., 114 Allsman, P. T., 220 Almasi, Paul, 95 Almonacid, P. N., 191, 283 Aloja, Ada d', 188 Alpert, Leo, 319 Alps, 234, 324 Alter, J. C., 35 Alvarado, Lisandro, tr., 189 Alvarado, Pedro de, 228

Alvarez Lejarza, Emilio, 228 Alvarez Lleras, Jorge, 100 Alves de Souza, A. J., 121, 209 Alvir, A. D., 295, 329 Ambolt, Nils, 240 America (general), 7, 41, 78, 109, 143, 175, 212, 260, 306 America, Central, 16, 54, 55, 87, 118, 154, 187, 188, 227, 228, 276, 277, 318, 319, 348, 351 America, North, 8, 41, 78, 109, 143, 212, 261, 306, 339 America, South, 16, 18, 54, 57, 87, 88, 118, 120, 154, 187, 189, 227, 229, 276, 279, 318, 319, 348, 352 American association of petroleum geologists. Research committee, American association of port authorities, 37-39 American committee for international studies, 305 American country life conference, 23d, 1940, 215 American geographical society, *57 American geophysical union, *43 American geophysical union. Section of hydrology, 111 American guide series - see Writers' program American journal of economics and sociology, The, 336 American library association, 108 American Neptune, The, 39 American petroleum institute, 255 American planning and civic annual, 80 American recreation series, 46 American scientific congress, 8th, Washington, 1940, 5 American society of civil engi-Amick, G. E., 272 Ammar, Abbas, 237, 289 Anderson, A. G., 203 Anderson, A. L., 52, 274, 317
Anderson, C. A., 186
Anderson, C. L. G., 107 Anderson, C. L. G., 107 Anderson, J. G. C., 60 Anderson, Marguerite, comp., 271, Anderson, R. O., 299
Anderson, W., 21
Ando Tokutaro Motonaga - see Hiroshige of the same of the s

Andorra, 95 Andrewartha, H. G., 131 Andrews, C. L., ed., 213 Andrews, E. C., 131, 134 Andrews, F. H., 96 Andrews, H. J., 224 Andrews, Justin, 312 Andrews, R. B., 220 Angel Falls, 2, 18 Angheloff, B., 194 Anglo Egyptian Sudan. Survey department, *26 Anglo Egyptian Sudan, 26, 237 Angola, 238 Angstrom, Anders, 260 Angus, H. F., 340 Anian, Strait of, 338 Anna, Mother M., 95 Antarctic, 31, 70, 132, 168, 200, 247, 297, 332, 362 Antevs, Ernst, 226, 259, 274, 299, 318 Antevs, Ernst, 108 Anticosti Island, 42 Antunes, De Paranhos, 90 Appalachian forest experiment station, 82 Appalachian geological society, 216 Appalachian mountain club, 46 Applegate, Lindsay, 51 Appleton, J. B., 51, 116, 208 Arana, Tomás de, 277 Arango, Ruben, 57 Araujo, Luis, 276 Arber, M. A., 21, 355 Arca Parró, Alberto, 353 Archbold, Richard, 100 Arctic, 31, 69, 132, 167, 200, 247, 297, 332, 362 Arden-Close, Sir C. F., 71, 191, 195, 202, 327 Arenberg, D. L., 36 Arequipa, Peru, 210 Arévalo, J. J., 40, 55 Argentina. Dirección de minas y geologia, *191 Argentina. Dirección de parques nacionales, 322 Argentina. Ministerio de agricultura. Comisión nacional del censo agropecuario, 322, 354 Argentina. Ministerio de agricultura. Dirección de economia rural e estadística, *322 Argentina. Ministerio de agricultura. Dirección general de yacimientos petroliferos fiscales, *90

Argentina. Ministerio de marina. Servicio hidrografico, 33 Argentina, 20, 58, 90, 122, 157, 190, 232, 282, 321, 354 Arizona. Dept. of mineral resources, Arizona - see also U. S., Western, U. S., Southwestern Arkansas. Geological survey, 223 Arkansas - see also U. S., South Central Arkell, W. J., 191 Arndt, K. J. R., 223 Arkell, W. J., 191 Arneson, Axel, 345 Arnold, F. K., 341 Arnold, R. R., 249 Arrigoni, H., 121 Arrigoni, H., 121 Arriola, Andrés de, 108 Arrojado Lisboa, J. M., 232 Arthur, J. K., 27 Arthurdale, W. Va., 218 Asama, Mt., 128 Ash, S. H., 343 Ashbel, D., *291 Ashby, M., 256 Ashley, G. H., 259, 311 Ashley, W. H., 273 Asia (general), 27, 64, 96, 127, 163, 197, 240, 291, 322, 327, 358 Asia, Central, 27, 64, 96, 128, 241, Asia, Southeastern, 29, 66, 98, 129, 164, 199, 243, 294, 329, 360 Asia, Southwestern, 27, 64, 96, 127, 240, 291, 327, 358 Askoy expedition, American museum of natural history, 320 Aslund, Sven, 109 Aspri, D. C., 93, 123 Assam. Dept. of agriculture, 243 social , alast per Astoria, Oregon, 52 Astuto, Riccardo, 126 Atkinson, A. J., 125 Atkinson, C. H., 46 Atkinson, H. B., 36 Atlantic Ocean, 32, 70, 100, 133, 247, 298, 332, 362 Atwood, H. E., 257 Atwood, W. W., 3, 7, 78 Atwood, W. W., jr., 177 Augur, Helen, 53 Aull, G. H., 47 Aurora, Illinois, 49 Aurousseau, M., 338, 360 Austin, Jean, 276 Australia. Bureau of meteorology, *130

Australia. Dept. of external affairs, 200, *200
Australia. Dept. of the interior.
Property and survey branch, *245
Australia, 30, 68, 98, 130, 165, 245, 296, 330, 361
Austria, 24, 93, 125, 160, 193
Auten, J. T., 251
Averill, C. V., 225
Awalt, F. H., 44
Azevedo, Aroldo de, 231
Azevedo Sodré, Brazil, 232
Aznar, Luis, 210
Azores, 288
Azov, Sea of, 236

Baal, J. van, 69 Babcock, W. M., 269 Babson institute of business administration, 264 Babson institute of business administration, *79
Bache, A. D., 202, 211 Bacon, Elizabeth, 27 Baddeley, J. F., 287 Bagchi, K., 98 Baikal, Lake, 241 Bailey, A. M., 276 Bailey, F. M., 242 Bailey, H. E., 273 Bailey, R. W., 252, 300, 301, 347 Bailey, V. L., 273 Bain, G. W., 71 Bajkov, A. D., 110 Bakalow, D., 194 Bakeless, John, 7, 15 Baker, C. L., 85 Baker, E. C., 290 Baker, J. R., 202 Baker, 0. E., 80 Bakker, S., 67 Balboa, Vasco Núñez de, 107 Balch, R. E., 263 Balchin, W. G. V., 247 Bald, J. G., 245 Baldassari, Ernesto, 90 Baldwin, H. I., 36 Baldwin-Wiseman, W. R., 250, 253 Balkans, 93, 125, 160, 194, 236, 288, 325, 357 Balkhan Bay Islands, 96 Balkhash, Lake, 241 Ball, D. G., 69 Ball, S. H., 255, 260 Ballard, J. C., 205

Ballis, William, 97

Bally, W., 251

Balmaceda, Cornelio, 329 Baltic Sea, 24, 93, 193, 355 Baltimore, Md., 312 Baltische geodätische Kommission, Bandelier, A. F. A., 185 Banff national park, 262 Barão de Antonina, Brazil, 19, *19 Barbeau, Marius, 42, 110, 111, 261 Barber, Alvin, 292 Barber, Joseph, jr., 362 Barcelon, J. B., 130
Barker, E. E., 46 Barker, E. E., 46 Barker, R. de la B., 238, 239 Barksdale, J. D., 346 Barnes, B. F., 272 Barnes, V., jr., 88
Barrass, Clive, *245
Barraza, C. F., 229 Barrera V., Humberto, 103, 122, Barrett, L. I., 13, 343 Barros, Jayme de, 281 Barros Monteiro, Plinio de, 175 Barrows, H. H., 259, 339
Bartels, J., 58, 102, 104 Barten, G., 25 Barten, H., 62 Barth, Henry, 63 Barth, T. F. W., 133 Bartholomew, John, & son, ltd., *40, *122 Bartlett, H. H., 329 Bartlett, LeRoy, jr., 281 Bartlett, W. H., 306
Barton, D. C., 255
Barton, D. C., 7 Barton, D. R., 41, 108, 175, 212
Barton, F. L., 112
Barton, R. F., 199
Basadre, Jorge, 88, 231 Bascom, W. R., 47
Bass, N. W., 50 Basu, S., 199, 243 Batakliev, Iv., 195 Batavia. Koninklijk magnetisch en meteorologisch observatorium, 330 Bateman, A. D., 120
Rates, Daisv. 30 Bates, Daisy, 30 Bates, F. W., 223 Bates, R. H., ed., 29 Batu Islands, 245 Baudrit, André, ed. and comp., 29 Bauer, Helmut, 23 Bauer, C. H., 85 Bauknight, Wilfred, 343
Baumann, H., 18

Baumhauer, A., 288 Bausani, Alessandro, 241 Bausman, R. O., 218
Bay, C. E., 36 Bayley, W. S., 217, *217
Bayliss, E. P., 200
Beach, H. H., *110, *307 Beaglehole, Ernest, 68 Bean, P. L., 46 Beard, J. S., 120 Beard, William, 179 Beardsley, A. S., 225, 346 Beath, S. S., 29, 66 Beattie, Homer, 221 Beaumont, Texas, 50
Beauregard, A. T., 122
Beaver, S. H., 62, 357, *357 Becker, A., 234 Beck. H. H., 268 Beck, H. H., 268 Becker, W. C., 341
Behaim, Martin, 39
Behrendt, W. C., 37
Belaunde, C. H., 282 Belgium, 22, 123, 234 Bell, A. H., 220, 314
Bell, A. P., 251 Bell, A. P., 251
Bell, W. A., *111
Bellée, Hans, 22
Bellée-Vogt, Lena, 22 Bélostotsky, I., 2 Belotelkin, K. T., 170, 173 Belshaw, H., 68 Belyavsky, A., 236 Bermelen, R. W. van, 295 Ben Nevis, 2 Benavides, A., 350 Bencker, H., 250, 258 Benedict, H. M., 104, 105 Benedict, Ruth, 265 Benfield, A. E., 34 Benham, R. L., tr., 27 Benjamin, Harold, 118
Bennett, H. H., 14, 43, 79 Bennett, M. K., 208, 303 Bennett, W. A. G., 317 Bennett, W. C., 120 Benson, J. N., 123 Benson, Lyman, 117 Benson, 0. 0., jr., 206, 207 Benson, W. N., 131
Bent, A. E., 81
Bentham, Robert, 132 Benton, Mildred, comp., 252, 256 Benton, Sylvia, 325 Benton, T. H., 15 Bercaw, L. O., comp., 7, 10, 11, 44 Beresford, H. E., 213

Berg, E. J. van den, 67 Berg, L. S., 211 Berger, J. A., 187 Bergeron, T., 73 Bergo, M. S. de A., 89 Bergsten, Folke, 23 Bergsten, K. E., 92 Bering, Vitus, 175, 305 Bering Sea, 261 Berk, L. J. M. van den, 25, 62, 194 Berlmer, L. V., 202 Berlage, H. P., jr., 130 Berle, A. A., jr., 8 Bermuda. Dept. of agriculture, 17 Bermuda, 120 Bernard, H. A., *115 Berndt, R. M., 68, 296, 330 Bertagnolli, A. J., jr., 274 Berthel, M. W., 48 Bertram, Colin, 70 Bessho, Bunkichi, 130 Betts, H. S., 43, 81 Beum, C. O., 258 Beyer, H. C., 329, 330 Beynon, E. D., 62, 115 Beynon, William, 42 Bhatta, K. A., 29 Bidwell, P. W., 38, 227 Bigelow, H. B., 180 Biggins, T. J., 43 Bigland, Mrs. Eileen, 97 Bilbao, Manuel, 231 Billings, M. P., 267 Billwiller, R., 285 Binder-Johnson, Hildegard, 11 Bingham, O. R., 83 Binns, Asa, 60 Birk, Alfred, 193 Birket-Smith, Kaj, 78 Birmingham, Alabama, 15 Birot, Pierre, 170 Bishop, C. W., 328 Bisson, T. A., 361 Bjarnason, Hákon, 355 Bjørkdal, Erik, 103 Björnsson, Sven, 91, 92 Blache, Jules, 61 Black, J. D., 75 Blackman, T. M., 331 Blackwelder, Eliot, 101 Blackwood, Beatrice, 332 Blagovestchensky, E., 27 Blair, I. D., 233 Blake, S. B., 294 Blake, S. T., 330 Blanc, Mont, 2, 61 Blanchard, Raoul, 192

Blanck, E., 243 Blandin, J. J., 173 Blasquez L., Luis, 350 Blegen, T. C., 112 Bliss, C. A., 266 Bloch, Kurt, 129, 197, 198, 244, 359 Bloom, L. B., 40 Bloom, Paul, 121 Bloomster, E. L., 257 Blumenau, Brazil, 19 Blumenthal, M. M., 289 Bluthgen, Joachim, 286 Blyth, Estelle, 291 Boardman, H. P., 51 Boatright, M. C., ed., 304, 316 Boekstal, J., 192 Boericke, W. F., 329 Boerman, W. E., 192, 284 Boggess, Bennett, jr., 7 Boggs, R. S., 118 Boggs, S. W., 106, 202 Bogotá, Colombia, 88 Bole, B. P., 87 Bolivia, 18, 57, 88, 156, 189, 280, 320, 353 Bolton, H. E., 227 Bolton, H. E., 109 Bond, B. W., jr., 314 Bond, R. M., 301 Bonetti, E., 17, 123 Bonilla, Antonio de, 117 Bonney, O. H., 225 Bonpland, A., 189 Bonsma, J. C., 256, 290 Boone, Daniel, 7, 15 Booth, A. W., 293 Booth, W. E., 72 Boothby, W. M., 206, 207 Borchard, Edwin, 253, 257 Born, W. T., 208 Borneo, 295 Bosch, C. A. van den, 252 Boston, Mass., 12, 343 Botero Arango, Gerardo, 320 Bottiglioni, Gino, 285 Botts, A. K., 171, 303, 362 Bouchette, Joseph, 40 Boudet, Paul, 305 Boughner, C. C., 42 Bouinitsky, V., 247 Boukassov, S., 18 Bowen, Croswell, 342 Bowen, D. T., 111 Bowen, N. L., 300, 301 Bowie, E. H., 79 Bowie, William, 203 Bowie, William, 259

Bowlsby, C. C., 334 Bowlsby, C. C., 334
Bowman, Isaiah, 112, 122 Boyd, M. F., ed. 47 Boyd, W. C., 206, 212 Bozeman, J. M., 117 Bracher, Hans, 62 Bracken, A. F., 54, 85 Braddell, Roland, 243 Bradley, A. D., 71 Bradley, Anita, 107
Brambila, Miguel, 318
Brand, D. D., 55, 119; ed. 38 Brandão, Teixeira, 231 Brander, Jan, 197 Brandt, Karl, 122, 233, 235 Brandt, William, 215, 242 Branom, M. E., 83, 115 Branson, C. C., 52 Branson, E. B., 52 Brasnett, N. V., 126 Brass, L. J., 297, 332 Braun Menendez, Armando, 258 Bravari L., Victor, 171 Brazil. Departamento nacional da producção mineral. Divisão de aguas, 121, 209 Brazil. Departamento nacional de produção vegetal, 190 Brazil. Instituto brasileiro de geografía e estatística, 58 Brazil. Ministerio de trabalho, industria e comercio, *354 Brazil. Ministry of foreign affairs, 58 Brazil. Ministry of transport and public works. Federal dept. of drought control service, 58, *58 Brazil. Secretaria da agricultura, industria e comercio. Instituto geografico e geológico. Serviço de topografia e limites, *232 Brazil. Serviço de geografia e estatística fisiográfica. Secção de estudos geográficos, 321, *321 Brazil, 19, 58, 88, 121, 156, 190, 231, 281, 321, 353 Bressman, E. N., 87 Bretherton, Rachel, 266 Bretz, J H., 72, 73 Brewer, E. G., 45 Briano, J. A., 120 Bridgeport, Conn., 267 Briesemeister, William, *202, *247 Brigham, C. S., 7 Brisbane, 331 Brissac, Jacques, 199 Brissac dasNeves Ferreira, J.A.de, 240

Brite, J. D., 91 British association for the study of ice and snow, 300 British Columbia. Dept. of lands, 9, *79, *340 British Columbia. Provincial . library and archives, 9 British Empire, 122, 157, 283, 323, British Guiana, 18, 88, 189, 230, 280 British Isles, 20, 60, 91, 122, 158, 191, 233, 283, 323, 354 Britnell, G. E., 262 Brixhe, M., 266 Broadhurst, W. L., 223 Brockway, G. E., 330 Brodell, A. P., 266 to all almostrati Brodow, F., 235 Broek, J. O. M., 260, 302, 336, Broekhuysen, G. J., 96 Brookes, J. I., 362 Brooklyn, New York, 46 Brooks, C. F., 12, 180, 338 Brooks, R. L., 319 Broom, R., 206 Broughton, M. E., 233 Brouillette, Benoît, 177, 308 Brown, C. B., 227, 335 Brown, C. L., 211 Brown, C. L., 211 Brown, G. W., 289 Brown, H. P., 341 Brown, Karl, 304 Brown, L. A., 34, 54 Brown, M. H., 313 Brown, R. H., 305, 306 Brown, R. M., 101 Brown, R. N. R., 207 Brown, W. A., jr., 209 Browne, Alan, 246
Bruce, E. J. 267 Bruce, E. L., 263 Bruno, Giordano, 210 Brunswick, Ga., 82 Brunt, Samuel, 71 Brusa, Alfio, 196 Brush, W. D., 76, 318 Bryan, E. H., jr., 362 Bryan, G. S., 207, 228, 278 Bryan, Kirk, 2, 212, 250, 315, 347 Bryn Davies, D. A., 189, 230 Bucher, W. H., 34 Buckhannan, W. H., 33, 35 Buckhannan, W. H., 55, 55 Buckley, W. T., 221, 271 Buckmaster, Barbara, 358 Budianskaya, M. L., 31 Buen, Fernando de, 227

Buenos Aires, 20, 210, *305 Buhler, E. O., 185 Buhler, Hermann, ed., 103,170, 192 Bujak, Jakub, 294 Charlongs, C. Ury. Bukasov, S. M., 229 Bullen, K. E., 131 Bunce, A. C., 207 Burcham, M. B., 51 Burdick, U. L., 313 Burdsall, R. L., 29 Bureau hydrographique international, Burgener, Martin, 24 Burgess, A. V., 77, 98 Burgin, Miron, 120; ed. 349 Burglon, Nora, 174 Burhoe, R. W., 334 Buridan, John, 338 Burkart, Arturo, 322 Burkland, E. R., 260, 349 Burleigh, T. D., 84 Burlingame, M. G., 117 Burma. Deputy conservator of the port, Rangoon, *294 Burns, W., 360
Burpee, L. J., 40
Burrill, M. F., 4, 7 Burrows, E. G., 30, 31 Burt, A. L., 9, 11 Burt, F. H., ed. 217 Burton, H. M., 236 Burton, Jean, 339 Burton, Lady Isabel Arundell, 339 Burton, Sir Richard, 339 Burton-Leach, F., 360 Busch, Wilhelm, 23 Buschiazzo, M. J., 187 Bush, G. L., 282 Bush, G. L., 282 Bushnell, D. I., jr., 47 Bushnell, T. M., 271 Butani, D. H., 243 Butijn, J. A. A., 60, 296 Butler, B. S., 275 Butler, J. W., jr., 280 Butler, Mary, 268 Buttenheim, H. S., 178 Butter, J., 192 Butterfield, Grace, 52 Byerly, Perry, 53, 109, 317 Byron, Robert, 75, 105 Cable, E. J., 34, 36

Cable, E. J., 34, 36
Cabrera, A. L., 322
Cabrillo, J. R., 305
Cacequi, Brazil, 232
Cady, R. C., 48, 184
Calantière, Lewis, 176

Caldas, J. A. L. T., 90 Caldenius, Carl, 191, 286 Caldwell, N. W., 345 Caldwell, W. E., 36 Caley, J. F., 79, 340 California. Agricultural experiment station, 53 California. Dept. of public works. Division of highways, 86, *86 California. Dept. of public works. Division of water resources, 118, 225, 276 California. State planning board, California, 16, 53, 86, 117, 153, 186, 225, 275, 317, 348 California - see also U. S., Western, U. S., Southwestern Callaghan, Eugene, 274 Câmara, Lourival, 321 Camarena, R., 88 Cameron, L. G., 233 Campbell, C. S., jr., 342, 359 Campbell, E. G., 11 Campbell, M. R., 259 Campell, Rudolf, 72 Canada. Dept. of mines and resources, 110 Canada. Dept. of mines and resources. Hydrographic and map service, *42, *79, *250, *262, *340 Canada. Dept. of mines and resources. Indian affairs branch, 176 Canada. Dept. of mines and resources. Mines and geology branch, *110, *111 Canada. Dept. of mines and resources. National topographic series. *110, *213, *340 Canada. Dept. of national defence. National topographic series, *177, *262, *340 Canada. Division of meteorological services of Canada, 9 Canada. Dominion bureau of statistics, 9, 307 Canada. Geological survey, 340 Canada. National parks bureau, 176, 262 Canada. National research council. Canada. Royal commission on dominion-provincial relations, 176

Canada, 8, 42, 78, 110, 144, 176,

Canadian association for adult education, 262

213, 262, 307, 340

Canby, H. S., 181 Cann, James, 221, 222 Canton, China, 293 Canvey Id., 22 Canyes, Manuel, 306 Capello, C. F., 76, 94 Capen, C. H., jr., 311 Capone, G., 105, 209 Capps, S. R., 52, 274 Carder, D. S., 347 Cardiel, P. J., *211 Carey, Mathew, 108 Caribbean Area, 55, 119, 154, 279 Carlberg, Berthold, 108, 202 Carlson, C. F., 49 Carlson, F. A., 175 Carnegie endowment for international peace. Library, 31, 32, 324 Carnegie institution of Washington, comp., 17 Carnegie institution of Washington. Department of genetics, *212 Caron, P., ed., 77 Carpenter, A. B., 316 Carpenter, G. A., 86 Carpenter, J. A., 317 Carpenter, J. R., 191, 205 Carrière, J. M., 271 Carrillo, Ramón, 191, 283 Carroll, Dorothy, 296 Carroll, H. B., 272 Carson, R. L., 335, 336 Carter, C. E., comp. and ed., 184 Carter, Robert, 312 Carter, T. D., 238 Carter, W. L., 6 Carter, Walter, 302, 303 Cartwright, B. W., 9
Carvalho, Delly de, 58 Casais, José, 281, 321 Case, E. C., 362 Case, E. C., 362 Casper, Karl, 23 Castagne, E., 196 Castagnol, E. M., 35, 39 Castañeda, C. E., 259 Castellanos, Alfredo, 169 Castiglioni, Bruno, 125 Catalano, L. R., 20, 354 Cathcart, S. H., *81 Cator, G. E., 98 Cavalcanti, Jeronymo, 104, 121, 206 Ceccherini, Guido, 355 Cederstrom, D. J., 229 Celebes, 296 Cerda Silva, Roberto de la, 350 Cerini, R. L., 232

Ceylon. Surveyor-general, *360 Ceylon, 129, 243, 360 Chadwick, St. John, 241 Chambers, C. C., 49 Chambers, H. S., 223 Chambers, W. T., 84 Chandler, Tertius, 265 Chaney, R. W., 2, 72, 74 Chapline, W. R., 81 Chaplygin, E. I., 132 Chapman, A. D., 5 Chapman, F. M., 36 Chapman, R. W., 46 Chapman, S., 34 Chapman, V. J., 56, 87 Chardon, C. E., 230 Charleston, S. C., 47, 269 Chatelain, Abel, 91 Chatelain, V. E., 39, 313 Chatley, Herbert, 293 Chatterjee, Sir A. C., 66 Chatterjee, S. P., 98 Chatterton, Sir Alfred, 360 Chavannes, Elizabeth, 220 Chávez, E. A., 338 Chazarreta, J. D., 283 Chen, Chia-keng, 359 Chen, Shih-Tsai, 359 Cheng, L. C., 97 Chersi, Livio, 17 Chesapeake and Ohio Canal, 268 Chesnokov, P. G., 5 Chew, A. C., comp., 264 Chew, A. P., 80 Cheyney, E. P., 211 Chiang, Mme. M. S., 28 Chiang Kai-shek, Mime - see Chiang, lime. M. S. Chicago, Ill., 83 Chickering, W. H., 297 Ch'ien Chung-shu, 259 Chih-Cho Wang, 249 Childers, J. S., 237 Childs, J. B., 118 Childs, St. J. R., 312 Chile. Dirección general de estadistica, 59 Chile. Instituto geográfico militar, 122 Chile, 20, 58, 90, 122, 157, 190, 232, 282, 321, 354 Chilean state railways, 122 Chin-Shang, Yen, 97 China. Directorate general of posts, *198 China, 28, 65, 97, 129, 164, 198, 242, 293, 327, 359

China Sea, 244 Ching Teh Chen, China, 66 Chiplonkar, M. W., 335 Chirvinsky, V. N., 193 Chitty, Dennis, 176 Choate, H. L., 3 Cholnoky, Eugen, 104 Choumsky, P. A., 31 Christian, J. L., 129, 244, 293 Christians, W. F., 197 Christophersen, Erling, 27 Chu, P. H., 97 Church, P. E., 184, 316, 346 Churchill, A. C., comp., 264 Churchward, James, 260, 298 Chute, N. E., 216 Cidade, F. de P., 90 Ciferri, R., 229 Cincinnati, Ohio, 49, 221 Clague, Ewan, 4 Clapham, J. H., ed., 283 Clappison, R. J. S., 331 Clark, A. F., jr., 355 Clark, L. B., 266 Clark, M. W., 72 Clark, W. C., 115 Clark, William, 48 Clarke, E. de C., *245, 296 Clarke, S. E., 307 Clarke, T. W., 311 Clausen, Jens, 14 Claussen, M. P., comp., 299, 308 Clay, J., 102 Cleare, L. D., 280 Cleaves, A. B., 46 Cleland, R. G., 276 Cleveland, Ohio, 183 Cleworth, N. H., 344 Clifford, E. H. M., 63 Clough, S. B., 354 Clyde, P. H., ed., 11, 29 Cockerell, T. D. A., 318 Codazzi, Agustín, 88 Coghlan, E. A., 322 Cohn-Wiener, Ernst, 64 Coile, T. S., 47 Colbert, L. O., 211 Colby, C. C., 106, 336 Colby, M. E., 17, 18, 177 Cole, C. W., 354 Cole, W. S., 112 Colegrove, Kenneth, 359 Coleman, A. P., 212 Collado, J. A., 322 Collier, Basil, 61 Collins, E. A., 40, 48

Collins, E. B., 31 Collins, H. B., 261 Collins, S. D., 254 Colman, John, 56 Colnett, James, 210 Colombain, M., 265 Colombia. Contraloria general, 57, Colombia. Dirección general de los censos, 279 Colombia. Ministerio de la economía nacional. Departamento de petroleos, 352 Colombia. Ministerio de obras publicas. Dirección de F. F. y carreteras, *320 Colombia. Ministerio de relaciones exteriores. Oficina de longitudes y fronteras, 88, 89, 277, *278, 279, *279, 280, 352, 353, *353 Colombia, 18, 57, 88, 120, 155, 189, 229, 279, 320, 352 Colorado - see U. S., Western, U. S., Southwestern Colt, H. D., 47 Colton, H. S., 117 Columbus, Christopher, 39, 77, 210, Columbus, Ohio, 314 Comerio, Puerto Rico, 87 Comey, A. C., 178 Comisión mixta ferroviaria boliviano-brasileña, 281 Commodity research bureau, inc.,207 Companía Colombiana de Tabaco, *230 Companhia Goodyear do Brasil, 5 Compton, A. H., 33 Conant, L. C., 184 Concannon, C. C., 13, 76 Concord, Mass., 46 Condoriri, Mt., 190 Condra, G. E., 48, 83 Conklin, E. G., 211 Conklin, E. P., 173 Connaughton, M. P., 13 Connecticut - see U. S., Northern, U. S., Northeastern Conover, H. F., comp., 65 Conrad, V., 171, 217 Conti Rossini, Carlo, 107 Contreras Arias, Alfonso, *171, *172, 187, *187 Conybeare, A. B., 180 Cook, G. C., 61 Cook, Captain James, 259, 297 Cook, S. F., 274

Cook, Mount, 2 Cooke, H. B. S., 74, 197 Cooke, M. L., 207
Coolidge, Dane, 16 Coolidge, Mrs. M. R., 16 Cooper, E. R., 30 Cooper, H. H., jr., 343 Cooper, W. S., 205 Copeland, E. B., 332 Copley, Hugh, 358 Corbett, J. M., 280 Corbett, P. E., 213 Corder, Philip, 234 Cordry, D. B., 351 Cordry, D. M., 351 Corey, A. B., 307, 310 Corfield, G. S., 352 Corle, Edwin, 185 Cornell, W. B., ed., 309 Cornish, Vaughan, 91, 284 Coronado cuarto centennial commission. Kansas, 314 Corpus Christi, Texas, 223 Corral, J. I. del, 333 Corsica, 234, 285 Cortés, Hernán, 305 Corugedo, Emilio, 288 Cossio, J. L., 349, 351 Costa, M., 76 Costa Barros, F. J. da, 321 Costello, D. F., 114 Cotter, H. M. S., comp., 257 Cotton, C. A., 35, 99, 103, 300 Couchman, N. R. F., 239 Coulson, Alan, 246 Coulter, J. W., 69, 246, 331, 332 Courtney, W. B., 57 Couzens, F. C., 284 Cowan, P. R., 78, 81 Cowden, T. K., 84 Cowdrey, Bartlett, 306 Cowlin, R. W., 224, 346 Cox, G. N., 223 Cox, H. R., 11 Cox, J. F., 71 Cox, W. T., 82 Coy, O. C., 108 Coz Sarria, Augusto, 18, 19 Cozzens, A. B., 221, 314 Crabitês, Pierre, 237 Cramer, S. S., ed., 249 Crane, H. L., 304 Crater Lake, 316 Crawford, E. A., 217 Crawford, G. L., 279 Crawford, L. C., 111

Crawford, W., 245
Credner, W., 243 Credner, Wilhelm, 56 Creel, H. G., 29 Crenshaw, Ollinger, 310 Cressey, G. B., 2 Crickmay, G. W., 269 Cripps, L. H., 191, 200 Crist, R. E., 230, 353 Critchlow, H. T., 268 Croft, A. R., 252 Croix, Teodoro de, 305 Crone, G. R., 285 Cross, Dorothy, 311 Cross, Osborne, 83 Cross, W. R., 258 Crow, Carl, 319 Crowe, P. R., 227 Cruickshank, Mrs. H. G., 180 Cruikshank, J. W., 218 Csallner, A., *287 Cuba, 229 Culbert, J. I., 54 Culwick, A. T., 239, 290 Culwick, G. M., 239 Cumberland, K. B., 331 Cumings, E. R., 260 Cummings, L. V., 189 Cummings, R. O., 178 Cumpston, J. S., 200 Cuneo Vidal, Rómulo, 231 Cunha, Ovidio da, 74 Cunningham, R. N., 344 Curle, A. O., 284 Curle, A. T., 63 Currie, A. W., 76 Currie, B. W., 307 Curtin, Jeremiah, 71, 77 Cushman, J. A., 300, 301, 362 Cutshall, A. D., 271 Cutshall, Alden, 314 Cuzco, Peru, 19 Cyprus, 22, 128 Czecho-Slovakia, 24, 93, 160, 193, 287, 325

Dachnowski-Stokes, A. P., 176
Dacy, G. H., 82
Daeniker, Armin, 241
Dagenais, Pierre, 177
Dahl, Sven, 92
Dainelli, Giotto, 195
Dairen, Manchukuo, 97
Dakar, French West Africa, 26, 326
D'Albertis, L. M., *200
Dale, H. C., ed. 273
Dale, Tom, 270

Daly, R. A., 72 Dalyell, G., 291 Dana, S. T., 215 Dana, S. T., 215 Danielian, N. R., 177 Danilevsky, Nadia, 258 Dareste de la Chavanne, J., 91 Darkenwald, G. G., 172 Darley, J. M., *184 Darling, F. F., 21 Darling, Sir M. L., 98 Das, B. M., 29 Dasgupta, D. C., 98 Datta, J. M., 243 Daubenmire, R. F., 52 Dauer, C. C., 178
Daus, F. A., 232 Davidson, D. S., 296 Davidson, J. M., comp., 35 Davies, William, 59, *59 Dávila Garibi, J. I., 187 Davis, Allison, 343 Davis, C. N., 252, 255 Davis, Campbell, 52 Davis, Consett, 296 Davis, D. O., 334 Davis, Hassoldt, 65, 96, 198 Davis, J. S., 37, 207 Davis, K. P., 51 Davis, Kenneth, 35, 38 Davis, W. E., 26 Davis, W. L., 212, 216 Davis, W. M., 2 Davison, V. E., 13 Day, E. L., comp., 5 Day, M. V., 303 Deacon, G. E. R., 332 Dear, L. S., 110 Deasy, G. F., 43, 309, 335 Debenham, Frank, 305 De Boer, H. J., 295 DeBow, J. D. B., *314, *315 d'Eça, Raul, comp., 87 Decary, Raymond, 127 Deets, L. E., 6, 14 Defant, A., 94, 100 Deffontaines, Pierre, 321 De Forest, H., 86 Dege, Wilhelm, 247, 252, 286, 297 De Haas, J. A., 38 De Jong, E. Van Z., 330 De Kiewiet, C. W., 358 Delage, Jean, 177 De La Motte, E. S. G., 58 Delaware - see U. S., Southern; U. S., Southeastern Delhi, India, 66 Delmer, A., 234

Delore, Gabriel, 126 Delorme, Gérard, 264 Demangeon, Albert, 20 Demaree, A. L., 337, 342 Démentiev, V., 241 Deming, W. E., 10 Demorest, Max, 35, 85, 332 Denham, Dixon, 63 Denhardt, E. T., 38 Denmark, 286 Denny, C. S., 186 Denoyer, L. P., 6 Densmore, Frances, 45 Deppermann, C. E., 67, 244 Derleth, August, 177 Desaunais, A., 91 Desch, H. E., 361 De Schauensee, R. M., 245 Deshpande, C. D., 360 Desjardins, Louis, 33, 34 Deslarzes, J., 283 Desmireanu, V., 257 Desmond, Alice, 175 De Terra, Hellmut, 2, 97, 360 Detroit, Mich., 83, 344 Deusing, Murl, 174 Deutsch, H. J., 9 DeVoto, Bernard, 220 Dewey, John, 33 Dewey, R. L., 80 De Wilde, J. C., 80, 215, 266 Dhawan, C. L., 199 Diamond, William, 302, 306 Diaz del Castillo, Bernal, 40 Dick, R. D., 3 Dick, W. B., 182 Dickerson, R. E., 56, 300, 301, 330, Dieffenbach, Rudolph, 215 Dietrich, E. B., 11, 28 Dightman, R. A., 346 Diller, Robert, 314 Diller, Nebraska, 314 Dimitri, M. J., 282 Dimond, A. J., 41 Dinev, Ljub, 194 Dings, McClelland, 186 Dinsmoor, W. B., 325 Dinwiddie, Robert, 45 Dixey, F., 290 Dixon, Pierson, 357 Dobbin, C. E., 219 Dobie, J. F., ed., 304, 316 Dobson, E. B., 239 Dobzhansky, Thodosius, 36 Docca, Souza, 90 Dodson, L. S., 343

Dolman, S. G., 226 Domantay, J. S., 30 Domeratzky, Louis, 124 Dominguez Muñoz, M. A., 18 Dominican Republic. Dirección general de estadística nacional, 17, Dominican Republic. Dirección general de estadística nacional. Sección de gobierno y administración, 56 Dominican Republic. Dirección general de estadística. Sección de producción y economia, 56 Dominican republic settlement association, inc., 319 Domratchev, P., 241 Doncieux, L., 289 Donnelly, I. A., 328 Doran, W. E., 234 Doria de Vasconcellos, Henrique, Desalrennu, V., Kb Dorn, H. F., 254 Dorr, J. V. N., 53 Dortignac, E. J., 182 Dosch, E. F., 185 Dossick, J. J., 119 Douglas, F. C. R., 251, 256 Douglas, H. H., 11, 21 which warmed Douglass, A. E., 1, 3, 170, 203, 205, 299, 30h Dow, E. F., 12 Dow, G. F., 12 Downes, R. G., 203 Downing, J. M., 113 Draghicesco, Demetrio, 356 Drake, Sir Francis, 39 Driver, H. E., 53, 219 Druce, Gerald, 93 Drucker, Philip, 110, 347 Duarte, D. D., 19 Ducke, A., 190 Duff, Roger, 69 Dugački, Zvonimir, 94 DuHamel, N. Y., 111
Duley, F. L., 35, 252
Dulhunty, J. A., 131 Dulles, F. R., 11 Duncan, George, 210 Duncan, Richard, 202, 205 Dundas, J., 237 Dunlop, George, 203, 209 Dunmire, R. G., 270 Dunn, G. E., 111, 120 Dunne, P. M., 39, 53 T avalaged of Dupuy, D. H. - see Harmerly Dupuy, D. Dupuy de Lôme, E., 288

Duren, A., 95 Durham, H. E., 288, 325 Durrell, L. W., 317 Du Toit, A. L., 134
Dutton, C. E., *313
DuVal, M. P., jr., 55
Dwyer, Carroll, 52 Dzens-Litovsky, A. I., 28, 61, 235 THE PARTY OF THE PARTY OF Eakin, H. M., 252 Early, Eleanor, 17 East, Ben, 48, 220 East Indies, 30, 67, 98, 130, 165, 200, 244, 295, 329, 361 Eaton, William, 196 Eberle, Irmengarde, 5 Ebling, W. H., 14 Echánove T., C. A., 351 Eckel, E. B., 226 Ecuador, 57, 156, 189, 280, 320, Ederer, B. F., 261 Edgar, Marjorie, 48 Edminster, F. C., 179 Edmonds, J. E., 47, 58 Edwards, A. B., 245, 300 Edwards, E. E., 10, 21, 81 Edwards, Newton, 4 Edwards, Wilfrid, 191 Eggan, Fred, 67 Eggeling, W. J., 126 Eggvin, Jens, 61, 235 Egloff, Gustav, 4 Egypt, 26, 63, 95, 162, 196, 237, Designing the fire little pose 289, 326 Eibergen, P., 192 Eichwald, K., 92 Einzig, Paul, 192 Eisenhower, M. S., 215 Eisenlohr, W. S., Jr., 111 Ekblaw, G. E., 49 Ekman, E. L., 279 Ekman, Sven, 254 Elchibegoff, I. M., 187 Elcock, Charles, 276 Eldredge, I. F., 269 Elges, Carl, 54, 334 Eliot, G. F., 6, 11 Elkin, A. P., 68 Ellero, Giovanni, 196 Elliott, A. R., 78, 277 Elliott, C. B., 129 Elliott, C. N., 80 Elliott, H. F. I., 240 Elliott, O. C., 258

Elliott, T. C., 210

Ellis, F. H., 262 Ellis, J. H., 307 Ellis, M. M., 54 Elrod, J. C., 269 Elsea, A. F., 40, 48 Elton, , 238 Elvers, Ivar, 330 Elvin, René, 228 Embree, J. F., 332 Emeny, Brooks, 336 Emery, K. O., 203, 204, 225 Emory, K. P., 31 Endo, Rokuro, 293 English, R. A. J., 247 Englund, Eric, 80
Enlows, H. E., 185 Enriquez B., Eliecer, 230 Ensminger, Douglas, 343 Erdmann, A. G., 49 Ericsson, Leif, 107 Erie, Pennsylvania, 12 Eriksson, Nils, 286 Erkes, Edward, 328 Erskine, E. N., 63 Erwin, H. D., 86 Escalona R., Alberto, 351 Escragnolle Taunay, Affonso de, 505, 321 Espach, R. H., 347 Espinosa, J. M., ed. and tr., 40 Essen, Jac van, 20 Estonia, 23, 92, 235 Estrem, Andrew, 345 Ethridge, A. N., 15 Ethridge, W. C., 84 Europe, 20, 59, 91, 122, 157, 191, 233, 283, 322, 354 Europe, Central, 22, 124, 158, 324 Europe, Southeastern, 25, 62, 194 Evans, E. E., 59 Evans, E. L., 263 Evans, Griffith, 211 Evans, P., comp., 360 Evans, R. B., 309 Everest, Mount, 2 Everett, D. D., 311
Everett, Fred, 311
Ewing, Maurice, 12, 45 Explorers club, New York, 249 Eyasi, Lake, Tanganyika, 239 Eyma, P. J., 132 Eyre, J. K., jr., 352 Ezekiel, Mordecai, 78 Ezri, Harold, 221, 222

Fa-Hsien, 258
Fabian society, London. Interna-

Fabian (cont.) tional research section, 357 Fabricant, Solomon, 112 Faeroe Islands, 21, 23, 124, 286 Fahrenwald, A. W., 225 Faine, Jules, tr., 278 Fairbairn, H. W., 263 Fairbanks, H. W., ed. *225 Fairchild, J. E., 55, 213, 279 Fairclough, H. R., 62 Falconer, J. D., 283 Fallot, P., 289 Fang, Frederick, 242 Fanning Id., 31 Far East, 28, 65, 96, 128, 197, 241, 292, 359 Far Eastern quarterly, The, 339 Farago, Ladislas, 65 Farnsworth, H. C., 75, 172, 208, 256 Farra, Elwood, 37 Farrand, Max, 7 Farson, Negley, 63 Fassett, N. C., 308 Faubel, A. L., 256 Fawcett, C. B., 304
Faye, Stanley, 312 Federal writers' project, 15 Fedorov, P., 1 Fedortzev, V. A., 28 Feeney, C. B., 55 Fejos, Paul, 320 Fell, H. B., 131 Fennell, T. A., 278 Ferdon, E. N., jr., 280 Ferguson, J. A., 361 Feridy, E. A., 209 Fermor, Sir L. L., 98, 199 Fern, Leila, 349 Fernandez G., Manuel, ed. 55 Fernsworth, Lawrence, 288
Ferraz Neto, Pedro, *232
Ferreira da Silva, José, 19 Ferrer, Gabriel, 351 Ferris, N. L., 112 Feruglio, Egidio, comp., *90
Festa, Aldo, 93
Fester, G. A., 58 Fettke, C. R., 13, 268 Fieandt, R. v., 356 Field, Henry, 61, 96, 125, 128 Field, W. O., jr., 339 Figuerola, J. C., tr. 289 Fiji Islands, 297 Filion, Gérard, 214 Finch, V. C., 105, 203, 250, 259 Findeisen, W., 73

Finger, C. J., jr., 272 Fink, O. E., 15 Finland, 23, 92, 124, 159, 235, 286, 356 Finner, W. F., 266 Finnie, Richard, 340 Finucane, K. J., 99, 131, 245, 530 Fischer, A. G., 270 Fischer, E. S., 197, 242 Fischer, Josef, 39, 107
Fischer, Otto, 25 Fisher, C. A., 284 Fisher, D. J., 169 Fisher, E. M., 318 Fisher, L. H., 346 Fisher, N. H., 132 Fisher, R. G., 54 Fisk, H. N., 116, *116 Fitzgerald, C. P., 199, 359 Fitzgerald, G. W., 222 Fitzsimmons, M. L., 49 Flannery, Regina, 79 Fleming, J. A., 102, 134, 202 Fleming, Launcelot, 70 Fleming, R. H., ed. 262 Fleming, Thiers, 58
Fleure, H. J., 285, 324 Flint, R. F., 10, 109, 252, 333 Flint, Mich., 115 Florida. Land use planning staff, 82 Florida - see also U. S., Southern; U. S., Southeastern Flory, E. L., 16 We and I demand Focan, A., 196 Folliard, E. T., 56 Folmer, Henri, 272
Folmsbee, S. J., 84 Fontoura da Costa, A., 127 Forbes, Gerald, 345 Forbes, Hyde, 348 Ford, J. A., 267 and Foreman, Grant, 314, 339 Foreman, Grant, ed. 219, 315 Forrester, Khyber, 53 Forster, G. W., 82 Forster, Georg, 286 Forsyth, Richardson and company, 42 Fort Lee, N. J., 46 Foscue, E. J., 319 Foster, G. M., jr., 188
Foster, V. M., 50 Foster, Sir William, 107 Foster, Z. C., 200 Fournier, F. L., 100 Fox, Sir Cyril, 60 Fox, P. P., 203, 224

Fox, W. S., 42 Frame, R. G., 226 France, 22, 60, 91, 158, 192, 234, 285, 324, 355 Franciosa, L., 94 Franco, Felipe, 350 Frank, Bernard, 112 Frank, Hans, 73 Franklin, James, 7 Franz, Gunther, 23
Fraser, G. K., 355 Frechtling, L. E., 91, 208, 210, 292, 357 Frederick, J. H., 207 Freeman, O. W., 184, 346 Freeman, R. W. T., 126 Freeman, T. W., 60 French, Francesca, 97 Frey, J. W., 208 Friedmann, Hans, 18 Friedmann, Hans, 18
Friedwald, E. M., 75
Friend, A. W., 171
Fries, Carl, jr., 54 Friis, H. R., comp. 299, 308 Frink, J. W., 184 Fritz, Emanuel, 86 Frödin, John, 354 Frois Abreu, S., 122
Frolow, S., 278
Frothingham, E. H., 114 Frutchey, C. W., 267 Fuenzalida Villegas, Humberto, 280 Fujinami, Koichi, 97 Fukukita, Yasunosuke, 97 Fulling, E. H., 250, 254 Fulton, M. G., ed. 273 Fulvio, A. di, 37, 106 Fundy, Bay of, 308 Funk, W., 105 Furcion, A. S., 14
Furlong Cardiff, P. G., 211 Furnivall, J. S., 329 Fussell, G. E., 355

Gabbard, L. P., 272
Gabriel, Giovanni, 107
Gabrielson, I. N., 43, 309
Gael, A. G., 72
Gaer, Joseph, 253
Gage, M., 246
Galang, R. E., 329, 361
Galarza, Ernesto, 227
Gallaher, R. A., 83
Gallo, Joaquin, 87
Galloway, G. B., 341
Galloway, J. D., 347
Galpin, W. F., 343

Gálvez, Vicente, 350 Ganapati, S. V., 66 Gann, T. W. F., 109 Gannett, Lewis, 177 Garavito A., Julio, 88 García Chepote, Julio, 58 Garcia Montes, José, 335 García Quintero, Andrés, 350 Garcia-Sáinz, Luis, 62 Garcilaso de la Vega, el Inca, 305 Gardner, B. B., 343 Gardner, D. L., 86 Gardner, Gérard, 111 Gardner, M. R., 343 Gardner, Robert, 300 Garin, A. N., 35, 82, 272 Garland, J. H., 12 Garner, C. L., 226 Garnier, J., 193 Garrett, H. L. O., 360 Gartlein, C. W., 202 Garvey, B. S., jr., 37 Gatterer, J. C., *77
Gatterer, J. C., 77 Gatti, Attilio, 95 Gauld, W. A., 201 Gavião Gonzago, Antonio, 19 Gavin, Angus, 9 Gavira, José, 305 Gay, Claudio, 321 Gear, M. B., 106 Gedroits, N. A., 197 Gehlsen, C. A., 281, 303 PS , 11 10 Geib, W. J., 15 Geilinger, W., 239 Geist, R. H., 173 Geographical publishing co., *3 Geological review, The, 34 Geological society of America, 250 George, M. C., 181 George, Pierre, 297 Georges Bank, 217 Georgia. Division of mines, mining, and geology, 14 Georgia - see also U. S., Southern; U. S., Southeastern Gerald, L. L., 114 Gerdel, R. W., 48 Germantown, Louisiana, 223 Germany, 22, 61, 92, 124, 158, 192, 234, 285, 324, 355 Getchell, R. W., 34, 36 Gevers, T. S., 357 Gianella, V. P., 347 Gibbons, W. A., 303 Gibbons, W. H., 81 Gibbs, F. J., 49

Gibbs, George, 83 Gibraltar, 26, 94 Gibson, G. R., *313 Gibson, J. S., 50 Gibson, Robert, 191 Giddings, J. L., jr., 31 Gifford, E. W., 53 Gilbert, B. E., 267 Gilbert, C. M., 225 Gilbert, E. W., *209 Gilcrest, B. R., 345 Gile, P. L., 200 Gill, W. H., 313, 335 Gillette, H. P., 301 Gillette, J. M., 214 Gilliard, E. T., 18, 230 Gillin, John, 88, 280 Gillman, C., 95, 288 Gillmer, T. C., 324
Gini, Corrado, 349
Girand, John, 347 Gish, O. H., 202 Gladwin, H. S., 72, 85 Glasgow, Sir William, 245 Glasspoole, John, 284 Glazer, Sidney, 98 Glazer, Thelma, 174 Glen, A. R., 332, 362 Glock, W. S., 299, 301 Glover, J. G., ed., 309 Glover, Katherine, 174 Glover, S. L., 317 Glueck, Nelson, 291 Godwin, George, 105 Godwin Austen, Mount, 29 Goeje, C. H. de, 280 Goetz, Delia, 174, 227 Goiânia, Brazil, 231 Goitein, S. D., ed. 241 Goldman, E. F., ed. 302, 306 Goldman, Irving, 110 Goldring, Winifred, 216 Goldsborough, W. L., 213 Goldschmidt, W. R., 53 Goldstein, H. T., 296 Gomes e Sousa, A. de F., 127 Gongora, J. F., *188 Gonzalez, A. R., 59 González, M. P., 349 Gonzalez Obregon, Luis, 351 González Treviño, Luis, 351 Gooch, G. P., 306 Goodall, George, ed. *106, *209 Goodman, Constance, 355 Goodrich, E. P., 206 Goodspeed, T. H., 352 Goodwin, Cardinal, 108

Goodwin, W. B., 107 Gordon, D. H., 328 Gordon, M. E., 328 Gordon, M. S., 304 Gordon, Myron, 363 Gorton, W. W., 224 Gorton, W. W., 224
Gosset, R. W. G., 77
Gossling, F., 91
Gossweiler, J., 238, *238
Gougenhaim A. 132 Gougenheim, A., 132 Gould, F. W., 344 Gould, F. W., 344 Gould, L. M., 132, 133, *133 Gould, R. T., 259, 298 Gould, Rupert, 202 Gourou, Pierre, 197 Gourvitch, I., 28 Govan, H. A. R., 124 Gove, P. B., 101, 108 Gover, Mary, 254 Gowen, G. M., 173 Grabau, A. W., 334, 336 Grace line. Educational travel dept., 11 Gradmann, Robert, 124 Graeber, C. K., 12 Graebner, Fritz, 339 Graham, Alan, 128 Graham, D. C., 129 Graham, E. H., 204, 208, 334, 336 Graham, Alan, 128 Graham, E. R., 203 Graham, G. S., 109, 263 Grajdanzev, A., 65, 358 Grand Portage, Minn., 269 Grand Rapids, Minn., 344 Granger, A. E., 226 Granger, Walter, 108 Granqvist, Gunnar, 355 Grant, A. G., jr., 15 Grant, D. K. S., 239 Grant, J. B., 328 Grant, R. P., 220 Grant, U. S., 118 Grant, W. J., 66, 130 Graphic atlas of the world, The, *40 Grasovsky, A. J., 128 Grattan, C. H., 131, 330 Gray, E. L., 197 Gray, James, 197 Gray, L. C., 80 Gray, Peter, 236 Gt. Brit. Admiralty, 79 Gt. Brit. Ordnance survey, *21 Gt. Brit. Treaties, etc., 175, 243, 244, 257, 290 Gt. Brit. War office., *237, *238, 241 Control Cardingl, 108

Great Lakes, 111, 145, 177 Great Lakes-Saint Lawrence waterway, 264, 308 Greaves, J. E., 54 Green, C. H., 82 Green, C. S., 359 Green, F. C., 261 Green, F. H. W., 233 Green, J. F., 131, 284 Green mountain club, inc., 12 Greenberg, J. H., 63 Greenberg, Michael, 244, ed. 294 Greenland, 247 Greenup, Wilbur, 52 Greenway, P. J., 239 Gregg, Josiah, 273 Gregory, C. A., *245 Gregory's Atlas of the discovery, settlement, and exploration of Australia, *245 Greig, R. C. H., 239 Grier, M. C., comp. 306, 332 Gries, J. P., 82, 182 Griffin, C. C., 353 Griffin, G. G., 267 Griffin, V. M., 255 Griffith, Ivor, 103 Griffiths, J. E. S., 239, 240 Griggs, D. T., 34 Griggs, R. F., 12 Grigsby, S. E., 50 Grimes, A., 258 Grimm, Hans, 24 Grimminger, George, 133 Grine, H. A., 181 Grinnell, L. I., 12 Griswold, A. W., 65 Grogan, F. O., 99 Gropp, A. E., 318 Gross, A. O., 177 Gross, C. P., 269 Gross, F., 284 Grout, F. F., *313 Gruner, J. W., 313, *313 Guadalajara, Mexico, 188 Guaira Heberle, Afonso do, 282 Gualterio Looser, Aleman de, tr. 191 Guam, 200, 297 Guatemala (City) Cabildo, 228 Gueno, A. J., jr., 184 Guernsey, J. E., 352 Guianas, The, 57, 88, 155, 189, 229, 279, 352 Guimarães, F. M. S., 281 Guinnard, Augusto, 322

Gulf Stream area, Committee on the proposed international survey of the, 70
Gullett, W. M., 62
Gunawardana, E. C., 129
Gunning, H. C., *111, *307
Gunther, A. E., 121
Gunther, John, 229
Gustafson, A. F., 333, 334
Gutenberg, Beno, 109, 170, 251, 333, 348
Gutersohn, Heinrich, 282
Guthrie, C. L., 114, 228
Guyton, W. F., 222

Haack, H., 108, 127, 202 Haag, W. G., 84 Habshush, Hayyim, 241 Hacène, Ali, 63 Hacker, Walter, 2 Hackett, C. W., 116 Haebler, R. G., 26 Hafen, LeR. R., 108; ed. 115, 117 Hagen, Yngvar, 27 Hagood, M. J., 258 Haig-Brown, R. L., 317 Haig-Thomas, David, 31 Haigh, Anthony, 298 Haight, F. A., 234 Haiman, Miecislaus, 86 Hainan, 293 Haiphong, French Indo-China, *66 Hakluyt's voyages, 39 Hakone [Mt.], 128 Halecki, Oscar, 287, 325 Halévy, Joseph, 241 Hall, A. R., 82 Hall, C. L., 216 Hall, Melvin, 57 Hall, R. de Z., 239 Hall, R. K., 89 Hall, W. J., 326 Hallborg, H. E., 202, 207 Halle, L. J., jr., 227 Haller, Hermann, 25 Halmos, E. E., 270 Halpenny, L. C., 347 Ham, W. T., 303, 304 Hamburg, 285 Hamilton, Lili, 25 Hamilton, W. B., 223 Hammerly Dupuy, D., 74, 233 Hammond, G. P., 117 Hammond's loose-leaf atlas of the world, *7 Hamrick, A. M., 221 Hamrin, Agne, 26

Hanck, A., 37 Hand, I. F., 253 Handlin, Oscar, 343 Handy, E. S. C., 31 Haney, Kenneth, ed. 176, 186 Hanks, J. J., 44 Hanna, Jane, *179 Hannay, A. M., comp., 7, 75 Hannemann, Max, 79 Hansen, H. P., 52, 224, 274 Hansen, M. H., 10 Hansen, M. L., 10 Hanson, E. P., 190, 212, 231, 276, 339; ed. 101 Hanson-Lowe, J., 242 Hardin, C. M., 84 Harding, W. D., 263 Hardman, George, 347 Hardy, A. C., 33, 70, 204 Hardy, E. L., 186 Hardy, Eric, 35 Hardy, F., 334 Harff, Arnold von, 39 Harker, Alfred, 284 Harkness, R. B., 263 Harley, G. T., 117 Harley, G. W., 326 Harmon, Burt, 225 Harnack, W., 361 Harper, F. B., 224 Harper, H. J., 272 Harris, A. H., 233 Harris, C. D., 60 Harris, Marshall, 265 Harris, S. K., 217, 226 Harris, W. V., 239 Harrison, J. V., 128, 281, *281 Harrison, J. W. H., 123 Harrison, R. E., *129, *236 Hart, W. L., 117 Hartig, Paul, 64 Hartley, B. J., 239 Hartley, W. H., 10, 77 Hartnoll, A. V., 239 Hartshorne, Richard, 105, 337, *337, *354 Harvard university. Dept. of fine arts, 37 Harvey, F. E., ed. 38 Hasel, A. A., 34, 36 Haskell, D. C., 70 Hatai, K. M., 242 Hatchell, G. W., 290 Hattersley, A. F., 358 Haurwitz, Bernhard, 301 Hause, Helmut, 25 Haushofer, Karl, 22

Haushofer, Karl, 337, *337 Havemann, A., 24 Hawaii. Territorial planning board, 31, 99, 100, 200 Hawaii, 246, 297 Hawkes, H. E., jr., 180
Hawkes, L., 286 Hawks, E. B., ed. 256 Hawley, F. M., 34, 36
Hawley, Florence, 181
Hawley, W. P., 133 Haxo, H. E., tr. and ed., 305 Haydon, Brownlee, 93 Hayes, G. L., 256 Hayes, R. C., 134, 246, 296 Hayes, W. C., 289 Haynes, B. C., 171 Haynie, J. M., 333, 338 Hazard, J. 0., 273 Hazen, N. W., 25 Headington, R. C., 84 Heawood, Edward, 39 Hebrides Islands, 21, 23, 123 Heck, N. H., 134, 214, 259, 347 Hedin, Sven, 129, 198 Hedin, Sven, 127, 240 Hehn, Jürgen von, 193 Heiland, C. A., 303 Heilbron, B. L., 270 Heim, Arnold, 277 Heimburger, C. C., 264 Heimers, Lili, comp., 40 Heininger, B., 249
Heinis, Fr., 254
Heinitz, Wilhelm, 195 Heinrich, R. R., 271
Heinrichs, D. H., 307
Heiskanen, V. A., 201
Heiskanen Heiskanen, W., 102 Heisley, M. F., 10 Heizer, R. F., 226, 318 Helbig, Karl, 6, 30, 295 Helbok, Adolf, 124 Helland-Hansen, B., 70, 355, 363 Hellström, Bo, 196, 361 Hemple, H. W., 341 Hemple, H. W., 341 Hencken, H. O'N., 123 Henderson, H. C. K., 233 Henderson, J. F., *110, 213 Henderson, L. J., 205 Henderson, P. A., 31 Hendricks, T. A., 15 Hennefrund, H. E., comp., 4, 17 Hennig, R., 107, 174 Henning, R. O., 126 Henry, Jules, 354 Henry, Marguerite, 339

Heredia y Soto, Daniel, 280 Hering, D. W., 33 Hérisson, Charles, 195, 326 Hernandez, Apolinar, 350 Hernandez, S. C., *329 Hernández Aceves, Leopoldo, 338, Heroy, W. B., 255 Herre, A. W. C. T., 244 Herrera, F. L., 19, 104, 121, 281, Herrera, L. A. de, 191 Herring, H. L., 113 Herring, Hubert, 227 Herrington, R. M., 250, 258 Herrington, W. C., 267 Hershey, H. G., 314
Herskovits, H. J., 38 Hertzberg, H. T. E., 84 Heslinga, M. W., 285 Hesselberg, Th., 23 Heuser, J. F., 223 Hewett, D. F., 223 Hewett, E. L., 117 Hewett, E. L., 39-41 Hewitt, Bob, 275 Heybrock, Werner, 127 Heyerdahl, Thor, 69 Heyl, P. R., 202 Heywood, G. S. P., 199
Hibben, F. C., 347
Hickok, W. O., *81, 81, 113 Hiesey, W. M., 14 Higasinaka, Hideo, 198 Highee, E. C., 187 Hildebrand, J. R., 38 Hilgendorf, F. W., 246, *246 Hill, A. W., 254 Hill, G. W., 257 Hill, Sir George, 22 Hill, J. E., 238 Hill, R. A., 53 Hills, E. S., 246 Hilo, Hawaii, 200 Hilts. H. E., 266 Hinks, A. R., 70, 202, 247, 305 Hinton, W. J., 293 Hirano, Kintarô, 292 Hiroshige, 260 Hispaniola, 229 Historical records survey. Minnesota, 182, 220; Oregon, 116; Utah, 117 Hitti, P. K., 38, 64 Hjerten, Ivar, 25 Hjulstrom, Filip, 103, 124, 286 Hobbs, W. H., 133, 200, 247

Hobley, C. W., 208 Hobson, R. F., 361 Hochmuth, H. R., 224 Hodge, E. T., 51 Hodgson, E. A., 71 Hoek, Henry, 103 Hofer, Hans, 285 Hoffman, Walter, 22 Hoffmeister, J. E., 103 Hofstra, S., 63 Högbom, A. G., 258, 298 Hogbom, A. G., 259 Hogbom, Ivar, 95, 124, 289 Hogg, G. A., 198 Hol, J. B. L., 61 Holdredge, C. P., 274 Hole, F. D., 220 Holland, D. F., 4 Holley, W. C., 113 Hollingworth, Clare, 357 Hollstein, W., comp. *24 Holmes, C. D., 252 Holmes, L. C., 246 Holt, W. S., 302, 306 Holttum, R. E., 329 Homans, G. C., 91 Hong Kong. Royal observatory, 199 Hong Kong, 293 Honman, C. S., 131, 245 Hoon, R. C., 199 Hooper, E. T., 227 Hoos, Sidney, 5 Hopewell, H. G., 296 Hopkins, Howard, 215 Hopkins, J. W., 73 Hormell, O. C., 12 Hornell, James, 304 Horner, J. H., 52 Horowitz, Murray, 213 Hoshino, Koichi, 294; tr. 297 Hoshino, Saki, 198 Hosmer, Dorothy, 125 Hosoya, Kiyoshi, 75 Hossfeld, P. S., 330 Hough, G. J., 200 Hough, J. L., 13 Houldsworth, Edgar, 262 Houser, J. S., 315 Houston, Hill, 353 Howard, A. D., 34 Howard, B. R., jr., 222 Howard, D., 323 Howard, F. A., 256 Howay, F. W., 307 Howell, N. R., 343 Howie, J. K., 30 Howland, A. L., 185

Hoyanagi, Mutsumi, 293 Hoyt, Homer, 172, 206 Hrdlicka, Ales, 41, 93 Hsen-Hsu Hu, 328 Hsiang, C.-Y., 359 Hsinking, Manchukuo, 197 Hst, Ginn-Tze, 327 Hubbard, G. D., 2 Hubbert, M. K., 35, 171 Huber, Ernst, 328 Hudson, A. E., 27 Hudson, A. W., 296 Hudson, Henry, 40, 210 Hudson, W. H., 260 Hudson's Bay company, 8, *340 Huffington, R. M., 183 Huggins, F. P., 256 Huggins, H. D., 88 Hughes, E. C., 341 Hughes, H. H., 255 Hughes, T. P., 334 Hughes, Tom, 308 Hughes-Hallett, H. R., 30 Hula, Erich, 191 Humboldt, Alexander von, 189 Hume, G. S., 110, *307 Hume, Peter, 293 Humery, R., 74, 75 Humlum, Johannes, 106 Humphreys, W. J., 335 Hungary, 62, 93, 125, 287, 356 Hunt, G. W., 53 Huntington, Ellsworth, *1, 4, 205, 209 Hurd, W. E., 205 Hussey, E. R. J., 357 Hutchins, J. G. B., 266 Huxley, Elspeth, 219 Hynam, C. A. S., 279

Ibn Sina (Avicenna), 39 Iceland, 124, 159, 193, 286, 355 Idaho. State planning board, 346 Idaho - see also U. S., Northwestern; U. S., Western Iglesia, Ramón, 40 Igualada, Francisco de, 280 Ihering, Rodolpho von, 281 Ihl Clericus, Pablo, 20, 282 Iimoto, Nobuyuki, 294 Ilesic, Svetozar, 94 Illanes Adaro, Graciela, 282 Illinois. Agricultural experiment station, 83 Illinois. State planning commission, 115 Illinois. Tax commission, 271

Illinois - see also U. S., North Central Imamura, Gakuro, 128 Imms, A. D., 330 Incorporated association of assistant masters in secondary schools. India. Survey of India, *29 India, 29, 66, 97, 164, 199, 243, 293, 328, 360 Indian Ocean, 100, 298 Indiana. State library, 271, 272 Indiana - see also U. S., North Central Indochina. Service météorologique, Ingerson, I. II., 348 Ingholt, Harald, 127 Ingrams, Mrs. Harold, 358 Innis, H. A., 247 Inoki, Hisaichi, 65 Institute of Pacific relations, 134, 242 Instituto brasileiro de geografia e estatistica, 90, 260, 281, 321 Instituto panamericano de geografía e historia, 175, 188 Inter-American bibliographical review, 349 International commission of snow and glaciers, 300 International committee of historical sciences, 77 International hydrographic bureau, International map of the world, 1: 1,000,000, 26, 57, 98, 245 Interstate sanitation commission, 45 Inter-territorial language committee to the East African dependencies, 196 Iommi, Giuseppe, 357 Iowa state highway commission, *183 Iowa - see also U. S., North Central Iquitos, Peru, 231. Ireland, P. W., 127, 291 Irving, R. L. G., 2; comp. 2 Irwin, A. M., 199 Ishiyama, Kenkichi, 359 Italy, 25, 62, 94, 125, 288, 357 Itoda, Taro, 28 Iturrizaga, Isidoro, 231 Ivanovsky, A. I., 28 Ivanovsky, A. 1., 28
Ives, R. L., 54, 73, 183, 347
Iwao, Shuichi, 105
Izurieta-Merchán, S. E., 189

Jacks, G. V., 251 Jackson, J. H., 233, 235 Jackson, S. P., 290 Jackson, W. T., 225 Jacobs, Melville, 78 Jacobs, N. B., 311 Jacobsen, J. V., 107 Jacobson, E. T., 270 Jacobson, H. G. M., 180 Jacobson, M. E., 271 Jahn, Alfredo, 230 Jakosky, J. J., 105 Jamaica, 229 James, E. R., 240 James, E. W., 227 James, H. L., 116, 118 James, Harlean, ed. 80 James, J. G., 224 James, Neill, 359 James, P. E., 121, 227, *352 Janow, S. J., 312 Janssen, R. E., 207, 214 Japan, 65, 97, 129, 163, 197, 241, 292, 327, 359 Jaranoff, D., 94, 194 Jarchow, M. E., 313 Jarring, Gunnar, 291 Jarvis, C. S., 63 Jaryc, M., ed., 77 Java, 295 Jefferson, Mark, 215 Jeffreys, Harold, 333 Jehle, H., 71 Jehol, Manchukuo, 197 Jen, M. N., 72 Jenkin, B. M., 204 Jenkins, D. R., 80 Jenkins, O. P., 186 Jennings, J. D., 344 Jennison, K. W., 311 Jenny, Hans, 251 Jensen, B. M., 75, 256 Jepson, W. L., 86 Jermin, T. E., 224 Jernakov, V. N., 175 Jervis, T. S., 239 Jewett, F. B., 211 Jewett, J. M., 83 Jochamowitz, Alberto, 57 Joelson, F. S., 92 Joesten, Joachim, 235 Joffe, J. S., 180 Joffe, N. F., 115 Joffe, N. F., 115 Johnson, A. G., 16

Johnson, C. S., 217 Johnson, Charles, 284 Johnson, Douglas, 2, 34, 40 Johnson, F. M., 42 Johnson, G. E., 270 Johnson, J. W., 169 Johnson, K. R., 275 Johnson, R. O., 222 Johnson, R. W., 224 Johnson, V. W., 112 Johnston, H. F., 58, 202 Johnston, I. M., 321 Johnstone, S. J., 283 Johnstone, W. C., 44, 65, 112 Joliffe, A. W., *110, 340 Jolliffe, F., 340 Jolly, H. L. P., 71 Joly, F., 285 Jones, A. E., 69 Jones, Bradley, 171 Jones, C. F., 119, 172 Jones, C. K., 307 Jones, C. L., 119 Jones, D. F., 209 Jones, F. H., 131 Jones, G. H., 53 Jones, J. R. E., 234 Jones, L. J., 331, *331, 362 Jones, O. T., 192, 204 Jones, S. A., 5, 13 Jones, S. S., ed., 342 Jones, W. W., 331 Jordan, W. H., 14 Joyce, J. W., 134 Judah, T. D., 347 Judd, C. S., 331 Jurva, Risto, 355, 356 Jutson, J. T., 246

K2 - see Godwin Austen, Mount Kaberry, P. M., 246 Kabraji, K. J., 199 Kadesch, W. H., 34, 36 Kahn, E. J., jr., 260 Kahra, Eljas, 235 Kaiser, Ernst, 287 Kajamaa, Mauno, 235 Kalle, K., 204 Kampp, A. H., 21, 23 Kane, Murray, 14 Kangchenjunga (Mount), 2 Kano, Tadao, 242 Kann, Friedrich, 92 Kansas. State planning board, 115 Kansas - see also U. S., North Central Kansas City, Mo., 221

Kanthack, F. E., 290 Kao Tsun-yi, 198 Kapaa, Hawaii, 31 Kardos, L. T., 334 Karelin, D. B., 247 Kärgel, Hermannrichard, 287 Kaserazi Island, 240 Katibah, H. I., 38, 64 Kato, Takeo, 242 Käubler, Rudolf, 24 Kaudern, Walter, 296 Kaufman, H. P., 13 Kawasumi, Hirosi, 102 Kay, G. F., 314 Keay, T. B., 334 Keck, D. D., 14 Keeler, I. P., 321 Keesing, F. M., 132, 246 Keith, A. N., 30 Kelemen, Pal, 277 Kellaway, G. A., 284 Kelley, Clinton, 33 Kellogg, C. E., 35, 251, *264 Kelly, Edward, 268 Kelly, L. L., 252 Kelsey, W. K., 313 Kelso, Harold, 257 Kempers, A. J. B., 258 Kennedy, I. B., comp. 265 Kennedy, J. C., 49 Kenny, E. J., 252 Kent, D. H., ed. 259 Kent, K. P., 226 Kent, P. E., 239 Kentucky - see U. S., South Central Kenya. Dept. of agriculture, 111 Kephart, G. S., 346 Kern, R. A., 295 Kerner, R. J., ed. 93 Keroher, R. P., 83 Kerr, W. H., 39 Kesseli, J. E., 72, 123, 186, 252 Kessler, F. C., 347 Kessler, W. C., 46 Kesteven, G. L., 245, 330 Ketumbeine, Mt., 239 Keuning, H. J., 284 Keuning, J., 192 Keyes, Charles, 54, 115, 314, 347 Kidder, A. V., 55 Kilbourne, E. D., 12 Kilimanjaro, Mt., 239 Killgore, C. L., 318 Kimble, G. H. T., 237 Kincer, J. B., 335 Kindle, E. D., 340 Kindle, E. H., 260

King, Eleanor, 127 King, C. C., 359 King, L. C., 96, 99, 290 King, R. E., 119 Kinietz, W. V., 114 Kinkelin Pelletan, Julio de, 59 Kinnaird, Lawrence, 116
Kinoshite, Kameki, 128
Kipling, Rudyard, 19 Kiralfy, Alexander, 29, 97 Kirby, R. S., 258 Kirde, K., 74, 92 Kirk, G. E., 240 Kirkpatrick, Grace, 262 Kirov, K. T., 194
Kitagawa, Masao, 241
Kitamura, S., 65
Klaer, F. H., jr., 49
Klebs, A. C., 210
Klein, Philip, 4
Kleinsorge, P. L. 217 Klein, Philip, 4
Kleinsorge, P. L., 317
Kleiweg de Zwaan, J. P., 296 Klemme, Marvin, 302-304
Klemmer, Harvey, 123,237
Klenova, M. V., 31
Klinefelter, Walter, 34, 38
Klitgaard, Kaj, 341
Knapman, F. W., 363
Knapp, F. V., 30
Knapp, Werner, 25 Knapp, Werner, 25 Knarr, A. J., 312 Knecht, Theodoro, 282 Knight, Paul, 215 Knoche, W., 67, 253 Knoche, W., 67, 253 Knopf, Adolph, 333 Knowles, Nathaniel, 311 Knowlton, Elizabeth, 230 Kobayashi, Giichiro, 292 Koch, Lauge, 200, *200 Koerber, H. N. von, 39 Koester, E. A., 220 Kohler, J. P., 214 Kohlmeyer, J. B., 345 Kohlschütter, Ernst, 100 Kolb, Albert, 67, 130, *130 Kolehmainen, J. I., 235 Kollmorgen, W. M., 223, 312 Kolossov, D. M., 28 Kolossov, D. M., 28 Konjias, H. T., 33, 68 Konovalova, E. J., 291 Konrad, W. R., 84 Koons, E. D., 308 Koontz, L. K., 45 Koppel, C. van de, 190 Koppen, Wladimir, 41 Korea, 65, 163, 241, 327, 359 Korholz, Leo, 292, 298

Koritschoner, Hans, 238, 239 Kornfeld, M. M., 50 Kosáry, D. G., 287
Kossinna, E., 32
Kotok, E. I., 104
Kovalevsky, G., 3
Kovalevsky, S., 26
Kovda, V. A. Kovda, V. A., ed. 103 Koymen, Nusret, 357 Kramer, Gerhardt, *228 Krans, Olaf, 271 Krantz, B. A., 251, 255 Krasser, L. M., 252 Krastanov, L., 195 Kraus, E. H., 4 Kraus, Theodor, 22 Krcal, Hans, 24 Krenkel, E., 195 Krenn, Ernst, 286 Krishnan, V., 66 Kroeber, A. L., 114 Kroker, Bruno, 293, 328 Krotkov, P. V., 110 Krout, J. A., ed. 45 Krueger, Theodore, 333, 346 Kruse, P. R., comp., 6 Krutter, H., 170 Kuchler, A. W., 169 Kuczynski, R. R., 172 Kuenen, P. H., 102, 103 Kuhm, Wilfrid, 190 Kuhn, Franz, 20 Kuiper, J., 284 Kulhia, H. P., 124 Kulin, Sandor von, 287 Kumagai, Naoiti, 65 Kumlien, W. F., 269 Ktimmel, H. B., 267, %11 Kunick, Elisabeth, 192 Kuno, Hisashi, 128 Kunst, J., 67 Kunstler, Pavel, 94 Kunstmann, J. G., 59 Kuperus, G., 296 Kurath, Hans, 174, 180, *311 Kuriyan, George, 66, 294
Kuyper, Dirk, 295
Kuyucak, H. A., 94
Kyle, E. J., 115

La Barre, Weston, 321
Laborde, E. D., tr., 20
Labrador, 8, 78
Lacey, J. K., 6
Lacy, W. C., 251
Lafargue, André, 316

Lafferty, R. C., 180 Lafitte, , 338 La Fonde, E. C., 118, 204 Lagrimas, Martin, 295 Lahontan, Baron de, 177 Laird, H. C., 263 Laird, Mrs. L. T. S., 64 Laird, Steve, 64 Lall, S., 98 Lamadrid, Lázaro, 228 Lambert, J. I., 48 Lambert, Roger, 283, *283 Lambert, W. D., 39 Lamond, Robert, 263 Lancaster, Sir James, 107 Lanctôt, Gustave, ed., 263, 266 Land, The, a quarterly magazine, Landa, Diego de, 258 Landerman, H. L., 86 Landes, K. K., 83 Landes, R. W., 79 Landon, K. P., 130, 199, 360 Landsberg, H., 171, 205 Lane, E. W., 49 Lane, G. H., 314 Lane, L. P., 240 Lane-Poole, C. E., 330 Lang, A. H., *307, 340 Lang, J. W., 223 Langbein, W. B., 271 Langdon, W. C., 310 Langlet, Nean, 237 Langley, A. R., 56 Langlois, Louis, 121 Lankenau, R. F., 321 Lansigan, N. P., 295, 361 Lantis, Margaret, 306 Lantow, J. L., 16 La Paz, Bolivia, 191 Laprairie, P., 129 Larco Herrera, Rafael, 230 Larkin, T. O., 108 Larrain, Arturo, 103, 105 Larsen, E. S., 250 Larson, G. E., 345 Larson, N. G., comp., 7 La Salle, Robert Cavalier de, 77 Lassen, Mt., 348 Lastres, J. B., 121, 320 Lathrop, H. O., 20 Lattimore, Owen, 129, 243, 359 Laude, H. H., 171, 172 Laughlin, C. E., 47 Laughlin, H. H., 215 Lautensach, Hermann, 25 La Verendrye, Pierre de, 305

Laves, W. H. C., ed. 105, 106 Lavrenko, E., 236 Lawrence, Jacob, 341 Lazaro, J. F. de, 232 Leach, F. B., 243 League of nations, 107 Lecuna, Vicente, 281 Lee, Atherton, 120 Lee, C. H., 348 Lee, F. W., 47 Lee, H. C., 201, 209 Lee, Kerry, 233 Lee, Wallace, 83 Leeney, R. J., 31 Leeper, G. W., 203, 246 Lefebvre, Olivier, 214 Leff, D. N., 69 Leggette, R. M., 13 Legobbe, Bruno, 210 Legros, J., 240 Lehmann, John, 93 Lehmann, Otto, 192 Lehmann, Otto, 260 Lehrbas, M. M., 269 Leighly, J. B., 2 Leighton, G. R., 13, 14, 15 Leighton, Henry, 217 Leipzig, 61 Leith, C. K., 105 Lelesz, E., 59 Lemert, B. F., 188 Lemmon, D. M., 53, 186, 274 Lengyel, Emil, 22 Lenroot, K. F., 4 Leon, Count Maximilian de, 223 Leonard, I. A., 108, 119 Leonard, L. L., 106 Léontovitch, C., 196 Lepawsky, Albert, 191 Lepik, E., 92 Leroux, Antoine, 339 Lesley, J. P., 41 Lester, R. H., 297 Leth, Tore, 324 Letonnelier, G., 61 Leven, J., 28 Levin, S. B., 17 Levinkind, L., 290, 358, *358 Levorsen, A. I., ed. 262, 266 Lewin, Evans, comp. 296 Lewis, A. D., 207, 234 Lewis, J. D., 215 Lewis, J. V., 267 Lewis, W. S., 338 Iewis, W. V., 192 Lewis, Sir Willmott, 75 Lexington, Ky., 316

Leyden, Fr., 123, 192
Leypoldt, Harry, 72, 251, 253
Lezius, W. G., 314
Liang Sst-yung, 29, 328
Libya, 26, 63, 126, 195
Lier, W. F. van, 230
Light, H. U., 125, 357
Light, R. U., 125
Lightfoot, B., 64
Lillick, L. C., 180 Leyden, Fr., 123, 192 Lillick, L. C., 180 Lim, N. N., 329 Lincoln, F. C., 104 Lindblad, Th., 193 Linder, Ernest, 22 Lindl, R. J., 222 Lindsey, A. A., 133, 297 Linguistic atlas of New England, Linke, Lilo, 357 Liniger, H., 295 Linton, Ralph, 106; ed. 114 Lipman, J. G., 180 Lipoglavšek, Slava, 94 Lira Urquieta, Pedro, 58
Lisbon, 237
Lisitzin, Eugenie, 355
Liss, Samuel, 217
Lister, P. B., 52
Lithuania, 325 Lithuania, 325 Lithuanian legation, Washington, Litovchenko, A. G., 5 Livens, J., 196 Liverpool, Eng., 123 Liverpool, Eng., 123
Livingstone, David, 212
Ljungdahl, G. S., 109
Lleras Codazzi, Ricardo, 279
Lleras Franco, Rafael, 120
Llorens, Emilio, 322
Lloyd, A. C., 331 Lloyd, A. C., 331 Lobanov, I., 236 Lobanov, I., 236
Lobeck, A. K., *178
Lockwood, W. M., ed. 294
Loew, E. A., 221
Loewenberg, B. J., 338
Logan, R. A., 42
Logan, Mount, 2
Lohman, S. W., 311
Lombard, Augustin, 204 Lohman, S. W., 311
Lombard, Augustin, 204
Lomonossov, M. V., 211 London, 22, 60, 91, 191, 338 Long, Haniel, 226 Longide, Mt., 239 Longview, Wash., 52 Longview, Wash., 52
Longwell, C. R., 333
Lopez, Hector, 351 López, V. M., 121

López de Gómara, Francisco, 40 Lopez Rosado, D. G., *276 Lord, C. S., 213, 340 Lord, Russell, 10 Los Angeles, Cal., 86, 275
Lothrop, S. K., 277
Lott, A. V., 249
Louderback, G. D., 118
Louis, Loretta, 85
Louisiana - 800 H. 6 Louisiana - see U. S., South Central Louisville, Kentucky, 15 Louraine, D. M., 267 Lourenço Filho, M. B., 118 Love, J. D., 85 Love, J. D., 85 Lovejoy, O. H., 182 Lovelace, W. R., 206, 207 Low, G. W., 176, 186 Lowdermilk, W. C., 64, 291, 300, Lowe, C. Van R., 74
Lowe, S. K., 228
Lowell, W. R., 224
Loyo, Gilberto, 171, 351
Lu, Victor, 359
Luby, J. P., 46
Lucas, A., 326
Lucero-White, (upons of 212 Lucero-White, Aurora, ed., 348 Lucke, J. B., 217
Lugn, A. L., 335
Lukens, R. R., 134
Lund, C. E., 326 Lundell, C. L., 17 Lungersgauzen, L., 236
Lunn, Jean, 264
Lupércio Lopes, José, 19
Lutoslawski Lutoslawski, A. T., 24 Luxemburg, 158 Luzzetti Estevarena, Carlos, 90, Lyman, John, 184 Lynch, A. M., 57 Lynch, A. M., 57
Lynch, H. B., 335
Lynch, Joseph, 1
Lyon, T. C., 169
Lyons, T. E., 310 McAnn, Aida, 111, 264
Macao, 359, 361
McAtee, W. L., 179, 215
McCallion McCallien, W. J., 203, 209, 252, 259, 323 McCaw, G. T., 169 McCleary, G. F., 191
McClellan, L. N., 85, 318
MacClintock, Paul, 9, 10
McComb, H. E., 202

McConnell, R. B., 300 McCorkle, J. S., 270 McCormick, H. G., 269 MacCrone, I. D., 358 McCrosky, T. T., 267 McCune, Shannon, 65, 241, 242, 327 McCutcheon, T. E., 184 Macdaniels, E. H., 274 Macdonald, G. A., 132, 200, 297, 348 McDonald, M. L., 341 Macdonald, R. D., 263 McDougall, F. L., 283 McDougall, W. B., 301 Macedo y Pastor, Celso, 190 McElroy, J. W., 210 Macelwane, J. B., 34 McFadden, C. H., 133, 134 MacFarlane, R. O., 213 McGauhey, P. H., 13 McGavock, C. B., jr., 184 Macgowan, H. P., 87 McGowin, J. F., 215 Macgregor, A. A., 21 Macgregor, A. M., 358 McGuiggan, M. D., 286 McGuinness, C. L., 48 Machtakov, P., 235 McInnis, Edgar, 338 McJimsey, G. D., 13 MacKay, B. R., *79, *110, *307 McKay, G. L., comp., 216 McKean, G. L., 273 McKee, Roland, 43 McKelvey, V. E., 170 Mackin, J. H., 81, 224 Mackinder, Sir Halford, *337 Mackintosh, N. A., 247 McKnight, E. T., 275 McLaughlin, W. T., 51 McLean, E. R., jr., 279 McLearn, F. H., 42 McLeish, Alexander, 244 Macmillan, W. M., 357 McNayr, J. S., 46 McNeill, F. A., 131, 246 McNish, A. G., 102, 202, 351 McNulty, C. L., 115 Macpherson, E. O., 297 Macquarie, C., 240 McVoy, L. C., ed. 272 Madagascar, 127 Madan, M. L., 199 Madariaga, Salvador de, 305 Maddox, W. P., ed. 179, 198 Madeira, 161 Madison, Wisc., 220

Madras, India, 294 Mafia Islands, 95 Magaret, Helene, 339 Magistad, 0. C., 219 Magness, H. N., 275 Mahan, A. T., 210 Maher, Colin, 111 Maher, J. C., 116, 345 Maine - see U. S., Northern; U. S., Northeastern Maitrot de la Motte, A., 39 Malan, B. D., 197 Maléev, V., 22 Malin, J. C., 314 Malina, F. J., 334 Malkus, Alida, 175 Mallery, T. D., 119 Malta, 62, 125 Malval, J., 324 Manchukuo, 97, 128, 163, 197, 241, 292 Mandelbaum, D. G., 66 Manetti, Carlo, 126 Mangus, A. R., *10 Manila, P. I., 244, 329 Manker, Ernst, 235 Manley, G., 283 Mann, H. H., 233 Mannerfelt, Carl, 125 Mannerheim, C. G., 129 Mano, J. C., 87 Mantskava, I., 193 Mantua, Italy, 25 Maravich, M. D., 184 Marble, J. P., comp. 299 Marbois, A. J., 79 Marchant, Alexander, 210 Marcus, A., 62 Marcy, R. B., 219 Marden, Luis, 319 Marett, R. H. K., 350 Marin M., Alberto, 1 Marin y Bertrán de Lis, Agustín, 289 Marks, E. M., 81 Markus, E., 92 Marques dos Santos, Francisco, 19 Márquez Miranda, Fernando, 339 Marschner, F. J., 112 Marsh, L. E., 345 Marsh, R. E., 81 Marshutz, H. S., 275 Marsland, H., 239 Martin, B. F., 47, 268 Martin, C., 197, 326 Martin, H. H., 221 Martin, Lawrence, 70, 247

Martinez G., Raul, 63 Martinez Portillo, Jesus, comp., Martins, Romario, 190 Martonne, Emmanuel de, 229 Marwick, B. A., 27 Maryland. State planning commission, 181 Maryland - see also U. S., Southern; U. S., Southeastern Marz, Josef, 62 Masaryk, Jan, 287 Mascheroni, Ettore, 279
Masing, Gerhard, 24
Masland, J. W., 292
Mason, A. C., 270
Mason, C. Y., 314 Mason, J. A., 319 Mason, J. A., 109 Massachusetts - see U. S., Eastern; U. S., Northeastern Massi, Ernesto, 7, 123 Massie, E. S., jr., 33, 38 Massie, S. E. Y. de, 278 Massip, Salvador, 260, 278, 337; tr. 278 Matanuska, Alaska, 176 Mather, K. F., 254, 302 Matheson, R. S., 361 Mathews, O. R., 272 Mathiesen, J. T., 270 Matterhorn, The, 2 Matteson, L. S., 13 Matthes, F. E., 300 Matthes, G. H., 334 Matthias, N. A., 275 Mattlage, W. F., 222 Matui, Isamu, 327 Mauldon, F. R. E., 296 Mauna Kea, lit., 246 Maus, C. P., 120 Mauzy, W. L., 117 Maverick, L. A., 211 Mayer, F. B., 270 Mayers, H. W. D., 179, 187 Mayo, Bernard, 316 Mazour, A. G., 261 Mead, Margaret, ed., 6
Mead, T. C., 347
Mead, Lake, 227 Means, P. A., 121
Mears, F. C., 284 Méchaline, I., 236 Mecham, J. L., 107, 118

Hartin, Low

Meck, R. S., 311 Medina, Guillermo, 201, 249, 253 Medina, J. T., 260 Mediterranean, 22, 60, 91, 123, 194, 324 Meek, C. K., 357 Meek, R. A., 222 Meigs, Peveril, III, 179, 276 Meiklejohn, M. F. M., 240 Meinardus, Wilhelm, 248 Meinzer, O. E., 35, 178 Melik, Anton, 94 Mellen, F. F., 345 Mello, R. C. B. de, 74 Mello, Vieira de, 231 Mendes Caldeira, Nelson, 212 Mendes Peira, Maria, 90 Mendizábal, M. de, 349 Mendonça, F. A., 238, *238 Mendoza Goiticoa, Eduardo, 280 Mendoza, Argentina, 259 Meng, C. Y. W., 29, 129, 328, 359 Meng Chiang [Mongolia], 242 Menzies, Stewart, 213
Mera, H. P., 16
Mercado, José, 318 Mensch, C., 67 Mercado Zarate, Marcelo, 231 Mercedes Constanzo, María de las, 20 Mercer, M. M., 115 Merdian, B. C., 105 Merida, Yucutan, 351 Merlange, Germaine, 96
Merriam, C. F., 335
Merriam, J. C., 86 Merrick, Elliott, 9 Merrill, E. D., 301, 331 Merriman, A. D., 77 Merritt, C. A., 316 Merryfield, Fred, 51 Merryman, W. N. 120 Mertie, J. B., jr., 213
Merton, R. K., 233
Merwin, H. E., 250 Merryman, W. N., 120 Métraux, A., 19, 120 Meulen, D. van der, 30, 291 Meulen, W. A. van der, 200 Meurs, H. van, 295 Mexico. Comision nacional de irrigación. Departamento de estudios, 187 Mexico, 16, 55, 87, 119, 154, 187, 227, 276, 318, 349 Mexico City, 351

Meyer, Hans, 353 Meyer, Hans, 353 Meyer, O. H., 348 Meynier, André, 173 Meynier, André, 173 Michaelis, Herbert, 62 Michell, H., 25 Michener, C. D., 306 Michigan. Agricultural experiment station, 182 Michigan - see also U. S., North Central Middle American research institute, Tulane University, *228 Middleton, W. E. K., 253, 301 Mignanego, A. A., 232 Mikov, V., 195 Milbank memorial fund, 3 Miles, Eliot, 221, 222 Milk industry foundation, 112 Millan, Antonio, 233 Millar, C. E., 182 Miller, F. P., 248 Miller, F. S., 44 Miller, Harold, 68 Miller, Horace, 317 Miller, Max, 348 Miller, O. M., 33, 249 Miller, P. T., 314 Miller, R. H., 16 Miller, R. M., 316 Miller, W. J., 86, 186 Milling, C. J., 343 Millionth map of the world - see International map of the world Mills, C. A., 205, 206 Mills, E. W., 79
Mills, R. V., 274
Minakiami, Takeshi, 128 Minckler, L. S., 218, 219 Mindif. Nount. 62 Mindif, Nount, 63 Miner, R. W., 173 Minnesota. Resources commission, 14 Minnesota - see also U. S., North Central Minorca, 288 Minorsky, V., 305 Minovi, N., 305 Minville, Esdras, 214 Miquelon Island, 341 Mirkowich, Nicholas, 24, 275, 276 Miser, H. D., 223 Mississippi. State geological survey, 50, 184, 345 Mississippi - see also U. S., South Central Mississippi Valley, 14, 181

Missouri - see U. S., North Central Mitchell, A. J., 204 Mitchell, G. H., 191 Mitchell, J. H., 344 Mitchell, Julio, 351 Mitchell, Kate, 360 Mitchell, R. H., 203 Mitra, S. K., 243 Miura, Hajime, 197 Miyabe, Naomi, 102, 335, 359 Miyatake, Tatsuo, 98 Mkungwe, Mt., 239 Mobile, Ala., 184, 316 Model, Fr., 24 Moffett, J. P., 239 Moffit, F. H., 261 Molen, S. J. van der, 60, 285 Molins, W. J., 191 Moll, A. A., 276 Moloney, J. F., 209 Monachino, R. F., 309 Monbeig, Pierre, 172, 231 Mondada, Giuseppe, 234 Moneta, J. M., 70 Moneymaker, B. C., 84 Mongolia, 129, 198, 242, 293, 359 Monroe, Day, 80 Monson, George, 80 Montagne, Victor, 191, 322 Montague, L. L., 87, 278 Montana. Agricultural experiment station, 185 Montana - see also U. S., Western; U. S., Northwestern Montandon, Frédéric, 92, 285 Montandon, Raoul, 74, 75 Monterey, Calif, 117 Montez, Caetano, 127 Montgomery, R. B., 301 Montreal, Canada, 177, 341 Monument Valley, 317 Hoody, E. A., 338 Moon, H. P., 233 Mooney, G. S., 257 Moore, Mrs. A. M., 95 Moore, A. W., 52 Moore, Arthur, 293 Moore, C. R., 224 Moore, E. B., 342 Moore, E. S., 8, *8 Moore, H. R., 84 Moore, Harriet, 125 Moore, L. B., 173 Moore, R. C., 83 Moore, W. R., 113, 232, 240, 353 Moorhouse, W. W., 177 Mora A., Hernando, 18

Moraes, L. J. de, 208 Moraes Carvalho, J. B. de, 19 Moran, Charles, 196 Morandini, Giuseppe, 247 Morant, G. M., 22 Moravets, F. L., 346 Morawetz, Sieghard, 125 Morawetz, Sieghard, 72 Moreau, R. E., 239, 290 Moreno, Laudelino, 119, 319 Morgan, A. M., 347 Morgan, J. C., 238, 240 Morgan, L. H., 185 Morgan, M. F., 180 Morison, S. E., 39, 77 Morley, S. G., 55 Morrell, W. P., 336 Morris, R. M., 343 Morse, Jedidiah, 305, 306 Morse, W. C., 345 Mortara, Giorgio, 190 Mortimer, C. H., 204 Moscow state university, 212 Moshicky, S., 127 Motoda, Sigeru, 69 Moulton, E. S., 179, 265 Moursafev, E., 242 Moyer, F. T., 91, *81 Mu (continent of), 260, 298 Muench, J. R., 317 Muhammad Khalil Hasanein Bey, 26 Muir, A., 354, 355 Muir, Lady, 288 Mukerjee, Radhakamal, 76 Mukherjee, B., 34, 204 Mukherjee, S. M., 248, 294 Mulder, G. J. A., 1 Mulholland, C. St. J., 361 Mullen, A. J., 38
Muller, A. S., 353 Miller, C. H., 171, 188 Muller, J. L., 43 Miller, Johannes, ed., *124 Muller, Valentin, 64 Mullerried, F. K. G., 187, 350 Mumford, E. P., 331 Munday, W. A. D., 262 Muñoz Lumbier, Manuel, 350 Murat, N., 26 Murayama, Kazutura, 292 Murdoch, V., 202 Murdoch, K. B., 216

Murillo, Gerardo, 119 Murphy, E. R., 174, 182 Murphy, R. C., 107, 254, 320 Murphy, R. C., 41 Hurray, E. F. O., 328 Murray, E. S., 291
Murray, H. W., 109
Murray, K. C., 126
Musbach, W. F., 115 Mussetter, William, 201 Musso, G. A., 231 liyers, D. P., ed. 342 Myers, R. J., 4
Myers, W. M., 181
Myres, J. L., 195, 325 Nachmanson, Ernst, 210 Nagata, Yasukichi, 67 Nakamura, Manzirô, 242 Nanda Devi, Mt., 294 Nanga Parbat, 2 Nansen, Fridtjof, 77 Naqvi, S. N., 301, 328 Narasimhachary, K. N., 33 Narayanaswami, R., 328
Nasīr al-Dīn Tusi, 305
Nāsir-i-Husraw, 39 Nasu, Shiroshi, 327 Ale of S reliable Natal, 358 Nath, B. V., 293 National congress on surveying and mapping, 249, 264 National geographic magazine, 211 National geographic society, *100, *184, *298, *333 National research council, 106, 299 Navidad, Haiti, 77 Neale, E. P., 99 Meaverson, E., 133 Nebraska. Legislative council. Research dept., 270 Nebraska. State planning board, 344, *344, *345 Nebraska - see also U. S., North Central Nederlandsch-Indische geografische mededeelingen, 108 Neethling, J. C., 326 Nel, L. T., 95 Nelson, E. G., 200 Nelson, Ernesto, 176 Nelson, F. J., 99, 200, 253, 278 Nelson, Helge, 83 Nelson, J. C., 80 Nelson, Lowry, 270 Nelson, N. C., 175 Nelson, N. C., 175 Nelson, W. A., 45

Nepal, 198 Nesbitt, P. H., 16 Netherlands, The, 60, 123, 158, 192, Netherlands Indies. Government botanic gardens, 295 Neu, C. T., 115 Neumann, Gerhard, 93 Neundörfer, Ludwig, 22 Neupert, Karl, 192 Nevada - see U. S., Western; U. S., Southwestern Newark museum, 320 New Brunswick. Minister of public works, 10 Newchang, Manchukuo, 197 New England regional planning commission, 217, 267 Newfoundland, 8, 78, 110, 213 New Guinea, 246, 297 New Hampshire. State planning and development commission. Advisory committee on air transportation, 113, *113 New Hampshire - see also U. S., Eastern; U. S., Northeastern New Jersey. Agricultural experiment station, 180, 181 New Jersey. Dept. of conservation and development, 267, 311 New Jersey. State planning board, New Jersey - see also U. S., Eastern; U. S., Northeastern Newland, D. H., 216 Nevman, A. S., 204 Newman, E. W. P., 26 New Mexico - see U. S., Western; U. S., Southwestern New Orleans, La., 84, 345 Newsom, W. 11., 42 New South Wales. Geological survey, New York (State). Conservation dept., 343 New York - see also U. S., Eastern; U. S., Northeastern New York (City). City planning commission, 180 New York City. Dept. of city plan-

ning. Division of mapping and

New York (City). Meteorological ob-

New York City, 12,180,216,*216,267

New Zealand, 30, 68, 98, 130, 165,

zoning, *216

servatory, 180

245, 296, 330, 361

Ngata, A. T., 68, 69 Nichol, A. A., 117 Nicholl, J. S., 76 Nichols, D. A., 70 Nichols, H. D., 347 Nichols, M. W., 118, 282; ed. 349 Nicolau, Pompiliu, 25 Nicolet de Chollet, H., 292 Nicolls, K. D., 246 Nicolson, Marjorie, 101 Nikiforoff, C. C., 317 Niklaus, Robert, 234 Nikolafev, I. G., 28 Nilsson, Erik, 196, 360 Nissen, Kristian, 297 Nixon, H. C., 345 Noble, L. F., 225 Nóbrega Santa Rosa, Jaime da, 282 Noda, Ryoji, 104 Noé, A. C., tr. 4 Noguti, Yone, 97 Nolla, J. A. B., 279 Nomitu, T., 65 Norcross, F. S., 17 Norden, John, 39 Nordin, S.-E., 124 Norin, Erik, 198, *198 Norman, A. G., 204 Norman, G. W. H., 341 Normann, O. K., 81 Norris, G. W., 308 North, F. J., 60, 210 North Africa - see Africa, North North America - see America, North North American wildlife conference, 5th, 1940, 41 North American wildlife conference, 6th, 1941, 261 North Carolina - see U. S., Southern; U. S., Southeastern North Dakota. Geological survey, 114 North Dakota - see also U. S., North Central North Sea, 158, 355 Northeastern forest experiment station, 112 Northwest regional council, 51 Norton, Luiz, 259 Norway, 286 Norwich, England, 323 Nouhuys, J. W. van, 200 Nova Scotia. Dept. of lands and forests, 10 Nowack, Ernst, 27, *27, 126, *126 Nuchols, S. B., 173 Nute, G. L., 220, 313 Nyasa, Lake, 238

Nygard, I. J., 313 Nystrom, A. J., and co., *343, *344

Oates, Frank, 239 Obdeijn, V., 200, 295 Oberg, Kalervo, 54 Observatorio astronómico nacional de Tacubaya, 33

O'Connor, K. E., 262 O'Dell, A. C., 233 Odell, C. B., 9

Odell, N. E., 198 Odell, R. T., 251, 256

Odgers, M. H., 211 Odložilík, Otakar, 325

Odom, L. M., 181 O'Donnell, W. G., 217 Oestreich, K., 253

Official aviation guide company, inc., 304, 310

Official guide of the railways ... of the United States ..., 339 so tel intlicati

Ogden, Utah, 117 Ogg, W. G., 354, 355 O'Hagan, C. C., 239

Ohio. Agricultural experiment station. Division of forestry, 221 Ohio. Division of forestry, 272 Ohio state university. Bureau of

business research, 221

Ohio - see also U. S., North Cen-AND AS SUPPLY tral

Ohkubo, Takeo, 298

Oklahoma planning and resources board. Division of forestry, 49 Oklahoma - see also U. S., South

Central

Olazábal y S., J. I., 210 Olbricht, Konrad, 287

Oldershausen, E. v., 243

Oliver, W. B., 267 Oliveres, F. N., 59

Olschki, Leonardo, 210, 258

Olson, C. E., 16 Olson, Grant, 286 Olson, Lois, 210

Omaha, Nebraska, 14

Omura, Ichizo, 129 Oñate, Juan de, 117

Onde, Henri, 61 Oneal, Cara, 318

O'Neill, J. J., 42

O'Neill-Lane, Timothy, 97 Ontario, Dept. of agriculture, 9

Oppenheim, Victor, 189, 279 Oppenheimer-Bluhn, Hilde, 358 Des . Date, darrill

Orange, Tex., 50

Orbigny, Alcides d', 20 Oregon. Agricultural experiment station, 224

Oregon. Dept. of geology and mineral industries, 116, *346

Oregon. State highway dept., 116 Oregon - see also U. S., Western;

U. S., Northwestern Orent, Beatrice, 297 Orosco, German, 520

Orsini, P. d'A., 26, 27 Ortega Diaz, Alfredo, 18

Ortega Ricaurte, Daniel, 229 Ortiz C., L. B., 18

Ortolani, Mario, 196 Orvedal, A. D., 50 Orvin, A. K., 100, *100

O'Shane, Rory, 10 Ossa V., Peregrino, 353 Ostermann, H., 100

Ostman, C. J., 124 Ostrolenk, Bernhard, 336

Otero, Juan, 88 Otuka, Yanosuke, 292

Outes, F. F., 210, 211, 232

Ovchinnikov, I. G., 247 Overman, W. D., 183 Overpeck, J. C., 186

Oviedo y Baños, José de, 57

Owen, A. E., 234 Owen, Russell, 200 Owens, Hamilton, 312 Owens, L. B., 206

Pacific, 248, 298

Pacific Islands, 30, 69, 99, 132, 166, 200, 246, 297, 331, 362

Pacific northwest regional planning commission, 273

Pacific Ocean, 133, 166, 332, 363

Packard, S. R., 60 Page, L. R., 116, 118 Paget, F. H., 118

Paiva de Andrada, J. C., 240 Paixão e Silva, Moacyr, 89

Palestine. Dept. of migration, 291

Palhoça, Brazil, 19 Pallas, P. S., 306

Pallesen, J. E., 171, 172

Palmen, E., 356 Palmer, L. J., 109 Palmer, N. B., 31 Palmer, Howard, 42

Pan American highway confederation, *229, *276, *279

Pan American union, 54,55, 87,88,90, 91,228,229,277,281,318,353

Pan American union. Columbus memorial library, 41, 349 Pan American union. Division of intellectual cooperation, 318, 349 Pannekoek, A. J., 130, 253, 292, 295, 341 Panshin, A. J., 341 Paola, Kansas, 115 Paraguay. Ministerio de agricultura, comercio e industrias, 122 Paraguay, 58, 90, 122, 190, 282 Pardé, Maurice, 64, 285 Pardo, L. A., 320 Paris, P., 67 Paris, 285 Parker, B. M., 174 Parker, E. P., 259, 339 Parker, John, 325 Parker, M. T., 339 Parodi, L. R., 322 Parris, G. K., 331 Parry, Albert, 29, 81 Parry, C. C., 14 Parsons, E. C., 223 Parsons, J. J., 227
Parsons, W. B., 115, 117 Parsons, W. J., jr., 43, 348 Partridge, J. F., jr., 348 Paschal, E. A., 49 Pascoe, J. D., 69, *69 Pascual, A., 126 Pasotti, Pierina, 169 Passos, Nero, 231 Pastora, J. L., 289 Pastore, Franco, 232 Pataky, Ladislaus von, 287 Paterson, D. D., 332 Paterson, O. D., 331 Paterson, T. T., 360 Patiño, L. R., 318 Patric, Anthony, 89 Patrick, J. S., 177 Patton, H. S., 261 Patton, R. S., 73, 75, 204, 206 Patzcuaro, Lago de, 227 Paula Lopes, R., 354 Paulson, J. B., 348 Paulus, A. J., 50 Paunković, D. P., 194 Payne, J. A., 14 Paz y liño, L. T., 280 Peabody, L. E., 81 Peake, H. J. E., 78 Peal, S. E., 29 Pearce, T. H., 315 Pearl, R. M., 186

Pearson, G. A., 203, 205, 209, 274 Pearson, T. G., 319, 320 Peary, R. E., 200 Peattie, Roderick, 3, 6, 212 Peck, Walter, 57 Peel, R. F., 95, 126, 284 Pei Wen Chung, 328 Pelzer, K. J., 363 Peña Camara, José de la, 338 Penck, Walther, 1, 2, 72 Pendleton, R. L., 203, 243, 244, 329, 332 Penland, C. W. T., 219, 229 Penn, C. J., comp., 68 Penn, R. J., 115 Pennington, W., 204 Pennock, G. L., 222 Pennsylvania. Dept. of commerce, 268 Pennsylvania historical survey, 259, 343 Pennsylvania. University, 207 Pennsylvania. University. Bicentennial conference, 300, 301 Pennsylvania - see also U. S., Eastern; U. S., Northeastern Penrose, Boies, 39 Pensacola, Fla, 312 Peoples, J. W., 185 Peralta, R. F., *188 Perkins, Dexter, 261 Perkins, V. C., 267
Perlick, Alfons, 22
Perlick, Tital Perlin, Lillian, 303 Perlova, R., 28 Permanent international association of navigation congresses. American section, 337 Perrin, F. H., 33 Perrott, G. St. J., 4 Perry, E. S., 52 Perry, H. S., 207 Persian Gulf, 291 Persons, W. M., 215 Peru. Comision central del censo, 230 Peru. Dirección de caminos y ferrocarriles, 18 Peru. Dirección nacional de estadística, 190 Peru. Oficina de propaganda, publicaciones y cultura, 230 Peru. Servicio reográfico del ejercito, 169, 190, *190, *230 Peru. Servicio hidrográfico y faros, 230 Peru, 18, 57, 88, 121, 156, 189, 230, 280, 320, 353

Perutz, Max, 334 Pesonen, U., 235
Pessin, L. J., 84
Petersen, Georg, 353 Peterson, C. E., 49 Peterson, M. J., 218 Petkoff, J., 25 Pétropavlovsk, Siberia, 241 Petrovitch, S.-S., 324, 325 Petterssen, Sverre, 253
Pettersson, S. O., 260 Pettersson, S. O., 260 Peyerimhoff, P. de., 195, *195 Pfalz, Richard, 195 Pfeffer, K. H., 23 Pfeifer, Gottfried, 178, 285 Phelps, D. N., 120 Phelps, Elizabeth, ed., 260 Phelps, W. H., 88 Philadelphia, 311 Philip, George & son, 1td., *107, Philippine Islands. Bureau of customs, 244, 295 Philippine Islands. Commission of the census, 329 Philippine Islands. Dept. of agriculture and commerce, 98, 329 Philippine Islands. Special mission to the United States, 1938-1939, 30 Philippine Islands. University. College of agriculture, 30 Philippine Islands, 30, 67, 98, 130, 165, 199, 244, 294, 329, 361 Phillips, C. W., 60 Phillips, E. J., jr., 44 Phillips, E. M., 174 Phillips, G. R., 49 Phillips, J. D., 311 Phillips, M. A., 55 Pichardo, Esteban, 260 Picher, R. H., 42 Pichi-Sermolli, Rodolfo, 91 Pickens, C. L., 30 Pickett, C. E., 75 Picó, Rafael, 342 Pidgeon, I. M., 99 Pierson, A. H., comp., 181 Piggot, C. S., 73, 301 Piggott, D. W. I., 290 Pillai, A. R., 294 Pillsbury, A. F., 318 Pillsbury, G. B., 337 Pimenta, Atouguia, 127, 327 Pinedo, V. H., 231 Pithawalla, H. B., 97

Pitt-Schenkel, C. J. W., 239 Pittier, H., 188 Plaetschke, Bruno, 61, 287 Platt, E. T., 101, 211 Platt, H. S., 120 Platt, R. R., 55, 118 Plewe, Ernst, 77 Plischke, Hans, 211, 235 Pljusnin, I. I., 169 Plummer, F. E., 174 Poeppig, E. F., 306 Point Hicks, Australia, 259 Pointe-Noire, French Equatorial Africa, 95 Poivre, Pierre, 211, 305 Polá de Torroella, Federico, comp., Polak, H. S. L., 98 Poland, J. F., 53 Poland, 24, 160, 287, 325 Polar Regions, 31, 100, 167, 247, 297, 332, 362 Polar year, international, 1932-33, Pollock, K. G., 175 Poma de Ayala, F. H., 305, 320 Poma de Ayala, F. H., 305 Pomeroy, H. R., 302 Pompeu Sobrinho, Th., 281 Ponce de León, 258 Poncins, Gontran de, 176 Pond, E. LeR., 248
Pope, C. H., 97 Popenoe, Wilson, 37, 70, 119 Popocatepetl, Mt., 119 Popper, D. H., 11 Port Arthur, Texas, 50 Port of New York authority, 180 Porter, Catherine, 130 Porterfield, W. M., 256 Portland, Me., 12 Portland, Ore., 15 Porto Alegre, Brazil, 90, 232 Portugal. Ministério das colónias, 238, *238 Portugal, 25, 62, 94, 161, 195, 237, 288, 325 Post, L. C., 272 Postley, O. C., *179 Pound, Arthur, 83 Powell, B. F., 14 Power, Eileen, ed., 283 Powers, W. E., 246 Powers, W. L., 316 Prado, Janvier, 280 Prater, S. H., 298 Pratt, C. A., 323

Pratt, I. A., comp. 326 Pratt, W. E., 7 Presidential Range, 217 Price, P. H., 111 Price, P. M., 113 Price, Raymond, 81 Price-Mars, Jean, 278 Primmer, G. H., 43 Prince Edward Island, 264 Prinsloo, A. L., 290 Pritchett, J. P., 213 Pritchett, V. S., 260 Prjevalsky, N. - see Przhevalsky, N. Proctor, M. L. B., 99 Prokopowitsch, E., 194 Prostov, Eugene, 61, 128 Prout, J. W., jr., 186 Prunty, Merle, jr., 302, 309 Przhevalsky, N. M., 212 Puerto Rico. Dept. of the interior. Bureau of public works, *229 Puerto Rico, 229, *229 Purser, Ralph, 101, 262 Putilov, A. N., 173 Putnam, R. W., 46 Putnam, W. C., 118 Putterill, V. A., 358 Putzke, J., 237 Pye, Norman, 278, *278 Pyle, F. D., 348

Quaife, M. M., ed. 48
Queensland primary producers' cooperative association, ltd., 68
Quirke, T. T., 251
Quito, 230

Rabaut, L. C., 308 Rabouille, , 78 Radcliffe-Robinson, K., 197, 326 Rager, F. A., 292 Ragg, Lonsdale, 94 Ragonese, A. E., 322 Rainer, Roland, 93 Rainey, F. G., 109, 176, 352 Rainey, Froelich, 261 Raisz, Erwin, *43, 101, 178, *303, *316 Rajagopal, M. P., 66 Rakovec, Ivan, 94 Ramachandra Chettiar, C. M., 294 Ramos, Arthur, 78 Rand McNally. Commercial atlas and marketing guide, *207 Randolph, Jay, 302 Rangaswami, M. R., 248 Rannie, J. L., 333

Ransom, H. H., ed. 304, 316 Ransome, A. L., 16 Rasmussen, W. D., 321 Rathbun, J. C., 67 Raup, H. F., 187; ed. 211 Raup, P. M., 220 Rauschenberger, Walther, 192 Raven, Harry, 212 Ravet, J., 132 Ray, L. L., 15, 85 Raychaudhuri, S. P., 293 Raymond, Marcel, 108 Raymond, W. D., 239, 290 Rayner, E. O., 245 Rayner, J. M., 362 Rea, H. C., 249, 250 Read, B. E., 66, 198 Read, Charles, 217 Read, P. R., 337 Red Sea, 289 Reddaway, W. F., 355 Reddick, H. E., 275 Redfield, A. C., 81 Redfield, Mrs. M. P., 17 Redfield, Robert, 17, 119, 277 Redford, L. K., 234 Reed, E. C., 48 Reese, Heinrich, 240 Reeve, W. H., 27 Regional plan association, inc. [New York], 46, 216, 311 Reich, Sister A. M., 284 Reiche, Karl, 191 Reid, E. H., 104 Reid, R. L., 42, 44 Reid, Russell, 115, 220 Reifenberg, A., 127 Reilly, Sir Bernard, 96 Reinbach-Welch, Lucille, 78, 81 Reinsch, Pauline, 297 Reitz, W. W., 2 Renaud, E. B., 51 Renner, F. G., 81 Renner, G. T., 10, 34, 40, 178 Resende Silva, J., 89 Retzer, J. L., 203 Reuss, C. F., 346 Reuter, E. B., 302 Review index, 40 Revington, T. M., 95 Revista mexicana de geografía, 339 Reya, Oskar, 94 Reyes José, R. A., 244 Reykjavik, Iceland, 286 Reynold, Gonzague de, 195 Reymolds, D. B., 82 Reynolds, R. R., 5

Reynolds, R. V., comp. 181 Rhoades, Roger, 224 Rhode Island - see U. S., Eastern; U. S., Northeastern Rhodes [Island], 125 Riabukhin, G. E., 241 Ribeiro, Joaquim, 305 Ricard, Richard, 222 Riccardi, Riccardo, 190, 191 Rice, M. M. A., 213
Rice, M. J., 354
Rice, M. M. 218 Rice, M. H., 218
Rice, Stanley, 294
Rich, J. L., 2, 59
Rich, W. H., 224 Richards, F. S., 202 Richards, H. C., 131 Richards, H. G., 311 Rich, W. H., 224 Richards, H. G., 311 Richards, H. G., 311 Richards, I. A., 209 Richards, J. M., 180 Richards, P. W., 298 Richards, R. W., 226 Richardson, B. T., 309 Richardson, G. B., 113, *179, 219 Richter, C. F., 109, 251 Rickard, T. A., 338
Ridland, G. C., 78 Riel, P. M. van, 123 Riga, Latvia, 24
Riggs, A. S., 41
Rijnsburg, Netherlands, 60 Riley, G. A., 45, 217 Ring, Elizabeth, ed. 113
Rio de Janeiro, 259 Rio de Janeiro, 259 Ripperger, Helmut, 179 Riquelme Inda, Julio, 350 Rittenberg, S. C., 36 Rivero Torres, Juan, 281 Roark, R. C., 254, 256 Robb, R. L., 64
Robbins, W. W., 225
Roberts, Brian, 70
Roberts, E. B., 214 Roberts, E. B., 214
Roberts, E. V., 218 Roberts, Harry, 3
Roberts, J. K., 47 Roberts, J. O. M., 98 Roberts, J. O. M., 98
Roberts, S. E., 260
Robertson, C. J., 126, 201 Robertson, I. H., 354, 355 Robertson, Josephine, 213 Robinson, A. E., 210, 238, 239
Robinson, A. H., 327, *327
Robinson, Austin, 304
Pobinson B. P. 173 Robinson, B. B., 173
Robinson, Paul, 60

Robinson, R. J., 363 Robinson, Vandeleur, 357 Robinson, Victor, 62, 64 Robles Rodríguez, Eulogio, 232 Rochefort, César de, 278
Rock, J. F., 360 Röckel, Hermann, 26 Rockie, W. A., 176 Rodes, P. L., 203, 205 Rodnick, David, 311 Rodrigues, J. H., 305 Rodrigues, Waldy, 232 Rodrigues Pereira, R. B., 209 Rodriguez Beteta, Virgilio, 55 Rodriguez G., Alberto, 20 Roginsky, J. J., 295 Rogler, C. C., 87 Rohmeder, Guillermo, 282 Rohrmann, A., 297 Roi, Jacques, 293 Roland, L. J., ed. 181 Rolleston, I. H. O., 240
Romero, Emilio, 190
Romero, José, 350 Rolfes, Max, 21, *21 Romero James, Concha, 118
Romoli, Kathleen, 229
Rona, North, Island, 21
Root, B. P., 349 Roper, G. S., 87 Ropes, E. C., 287, 324, 356 Rosario. Dirección general de estadistica del municipio, 232 Rosé, G. N., 113 Rose, N. A., 222 Rosell, L. E., 350 Rosell, D. Z., 329, *329 Rosier, C mille, 22 Rosinski, Herbert, 210 Roskelley, R. W., 275 Ross, C. P., 115, 186, 273 Ross, E. D., ed. 14 Ross, Mary, comp. 109
Ross, N. W., 346
Ross, W., 127 Ross, W., 127 Rossby, C.-G., 336 Rossl, H., 18 Roswell, N. M., 227
Roth, Andrew, 199, 328
Roths, J. P., 72 Rothé, J. P., 72 Rothrock, E. P., 14, 82 Rotterdam, 192 Rouaix, Pastor, 350 Rounce, N. V., 96 Roundy, P. V., 219

Rouse, Irving, 352 Rousseau, L. Z., 214 Rowe, P. B., 348 Rowland, Donald, 108 Roxby, P. M., 243 Roy, L. C., 218 Roy, S. K., 362 Royal commission on Dominion-provincial relations, 42 Royal institute of international affairs, 4, 6, 194, *194, 195,233 Roys, R. L., 17 Rubio, Angel, 174, 188, 319 Rubio Mañé, Ignacio, 338, 351 Ruby City, Wash., 85 Rude, G. T., 249, 253 Ruff, C. F., 343 Ruiz, J. I., 88 Ruiz, Lopez, 88 Rule, G. K., 34, 37, 182, 264 Ruma, Yugoslavia, 25 Rumania, 25, 62, 93, 125, 236, 287, Rune, G. A., 72 Rusconi, Carlos, 322 Russell, C. P., 114 Russell, Sir E. J., 73 Russell, J. A., 303, 321 Russell, Sir John, 59 Russell, L. S., 79 Russell, M. B., 203 Russell, R. S., 66 Russia, 24, 61, 93, 125, 160, 193, 235, 287, 324, 356 Ruthe, , 236 Rutledge, P. C., 73, 76 Rutter, Owen, 319 Rynearson, G. A., 118

Saada Salim bin Omar, 238 Saavedra R., Eduardo, 101 Sabine, Tex., 50 Saeger, H. de, 196 Sahara, 26 Sahay, Ram, 199, 243 St. Croix, V. I., 229 St. Helena, 298 St. Helena, 298 St. Pierre Island, 341 St. Simon Island, Ga., 82 Ste. Genevieve, Mo., 49 Saita, T., 90 Saldías Maninat, A. J., 201, 230 Salem, Mass., 311 Sales Oliveira, Alvaro de, 190 Salisbury, James, jr., 265 Salles-Homery, Madame, 132 Salo, J. V., 35

Salomon-Calvi, Wilhelm, 96 Salter, L. S., jr., 265 Salvadori, M., 91 Salvoza, F. M., 295 Samoa, 246 Sampson, R. J., 86, 186 Sampson, R. S., 199 San Antonio, Tex., 259 Sánchez, M. S., 121 San Cristoval, Evaristo, 190, 231 Sandberg, C. G. S., 253 Sandell, Arne, 92 Sanderman, L. A., 306 Sanders, William, 306 Sanderson, I. T., 188, 189 San Diego, Cal., 53, 276, 348 San Francisco, Cal., 53, 276 Sandford, K. S., 63 Sandoz, M. F., 273 Sankaranarayanan, D., 66 San Marcos de Apalache, Fla., 47 San Miguel de Tucuman - see Tucuman, Arg. Santa Catarina (State). Departamento estadual de estatística, 321 Santa Fe, N. M., 259 Santiago, Chile, 259 Santiago del Estero, Argentina, 283 Santoponte Emiliani, Clarice, 288 São Gabriel, Brazil, 232 São Paulo. Secretaria da viação e obras publicas. Diretoria de viação, *282 Sapper, Karl, 71, 189 Sarawak, 244 Sardinia, 125 Sargasso Sea, 363 Sarkisian, H. M., 198 Sarmiento, L. A., 230 Sarton, George, 174 Sato, Keiji, 129 Satterly, J., 110, 263 Sauer, C. O., 227 Saunders, Alfred, 70 Saunders, R. M., 264 Saussure, H.-B. de, 108 Savage, T. E., *49
Savannah, Ga., 82 Savelle, Max, 8, 11 Savile, Sir L. H., 75, 104, 302 Savin de Larclause, Benjamin, 29 Sayles, E. B., 274 Sayre, A. N., 223 Sayre, A. N., 223 Scandinavia, 23, 61, 92, 124, 159, 193, 235, 324 Scandrette, O. C., 313 Scarin, Emilio, 237

Schacher, Gerhard, 93 Schaeffer, C. E., ed. 181 Schafer, Joseph, 175 Schafer, Joseph, ed. 71, 77 Schäfer, Otto, 287, 292 Schavilje, J. P., 271 Scheffer, T. C., 5 xell colmos and Schepers, J. H. G., 33 Scherer, O. J., 48 Schernakow, W. N., 241 Schevill, Ferdinand, 106 Schiebold, Curt, 23 Schiff, Leonard, 335 Schindler, Gerhard, 3 Schleifer, Rudolf, 108 Schlemmer, Nelson, 221 Schlesinger, A. M., ed., 10 Schlingemann, F. L., 60 Schmidt, E. F., 96 Schmidt, M. G., 285 Schmidt, M. H., 116 Schmidt, Walther, 256 Schmieder, Oskar, 18, 23 Schneider, J. B., 53 Schoen, Walter von, 324 Schoffelmayer, Victor, 272 Schokkenkamp, J., 361 Scholes, F. V., 16, 17 Schory, E. A., 221 Schou, Axel, 24 Schrader, R., 361 Schramm, P. E., 211, 235 Schroller, Hermann, 235 Schubring, Walther, 257 Schulman, Edmund, 117 Schulte, Paul, 8 Schultze, J. H., 125, *125 Schulze, B. R., 290 Schumann, H.-J. von, 22 Schureman, Paul, 204, 335, 338 Schuttler, Adolf, 285, *286 Schwarz, Ernst, 24, 227 Schwieker, Friedrich, 285 Schwind, Martin, 242
Sciaky, Leon, 216
Scofield, C. S., 5 Scofield, E., tr. and ed. 278 Scott, F. R., 110 Scott, L. H., 274 Scott, H. H., 32 Scott, Levi, 51 Scranton, Pa., 46 Sealock, R. B., 46 Sears, A. B., 221 s offine missoc

Sears, Mary, 180 Sears, P. B., 207 Seattle, Wash., 15 Sedlmeyer, K. A., 283 Seely, P. A., 46 Seelye, C. J., 131 Segnit, R. W., 131 Seiler, Otto, 251 Sekkel, J., 236 Selekman, B. M., 108 Selekman, S. K., 108 Selevin, V. A., 291 Seliakov, S. N., 241 Seligman, Gerald, 334 Selkirk, Alexander, 213 Sell, L. L. 348 Sell, L. L., 348 Sellards, E. H., 15, 84 Semenov-Tian-Shanski, V., 24, 210 Sen, D., 97 Sen Gupta, D. N., 66 Sendo, Tadamasa, 292 Senior, Clarence, 87 Senior, H. S., 240 Seno, K., 65 Seppala, V. V., 124 Serra, A. B., 229 Serrano, Antonio, 89 Serventy, D. L., 245 Sestini, Aldo, 288 Settle, R. W., ed. 83 Setzer, José, 232 Setzler, F. M., 344 Severance, H. O., comp., 87 Sewell, W. G., 129 Shackelford, Shelby, 122 Shafer, Robert, 65, 198 Shaffner, M. N., 12 Shakaziyi (astrolabe), 39 Shalowitz, A. L., 257 Shanghai, 328 Shankland, E. C., 91 Shantz, H. L., 214, 255, 288, 326 Sharkey, F. J., 274 Sharp, R. P., 317 Sharpe, C. F. S., 185, 334 Shaw, E. B., 78 Shaw, G., *111 Shaw, Gisele, 188 Shaw, J. F., 243 Shearer, M. H., 203, 250 Sheean, Vincent, 257 Shelford, V. E., 78, 79 Shelton, A. C., 214 Shenandoah, Pa., 13 Shepard, F. P., 118, 204, 225 Shepard, Odell, 12 Sherborn, C. D., comp. 38

Sherrill, R. E., 13, 217 Sherrill, William, ed. 115 Sheshgiri, B. S., 294 Shils, Edward, 178 Shimizu, Akira, 197 Shimizu, Teruo, 197 Shimkin, D. B., 313 Shiskin, Julius, 112 Shiva Rao, B., 243 Shore, F. M., 268 Show, S. B., 118 Showalter, A. K., 271 Shreve, Forrest, 185 Shrock, R. R., 250, 270 Shryock, H. S., jr., 254 Shryock, R. H., 179 Shu-Hswan Wei, 129 Shuler, E. W., 84 Shulits, Samuel, 334 Shultis, Arthur, 86 Siberia, 28, 64, 129, 163, 197, 241, 292, 327, 358 Sicily, 161 Siegel, Morris, 55 Sierra Leone. Survey and lands Standards, Da 1 dept., 95 Sierra Nevada de Santa Marta, 320 Sievers, Angelika, 21, *21 Siguret, J., ed. and tr. *243, 243 Silva, Giovanni, 201 Silva Pinto, Luiz Maria da, 175 Silva Rodrigues, Megalvio da, 209 Silveira de Medeiros, Manuel, jr., 94 Simla, India, 198 Simnett, W. E., 122, 323 Simonsen, R. C., 58, 121 Simpich, Frederick, 60, 84, 172, 240, 342 Simpson, E. S., 68 Simpson, G. G., 133, 230 Simpson, L. B., 276 Simpson, Sir J. H., 4 Simpson, W. J., 66 Sindowski, K.-H., 61 Singapore, 29, 98, 199, 244, 294 Singer, C. I., 253, 258 Singer, D. W., 210 Singewald, Q. D., 275 Sir, Edmundo, 20 Sitka, Alaska, 41 Skaggs, M. L., 269 Skelton, A. G., comp. 105 Skelton, M. B., comp. 105 Skerl, A. F., 95 Skerrett, R. G., 12 Skottsberg, C., 31, 132, 331

Skutch, A. F., 17 Slee, W. T. F., 179 Slocum, Giles, 268 Slotnick, H. M., 37 Smallwood, M. S. C., 259 Smallwood, W. M., 108, 259 Smeds, Helmer, 124 Smet, P. J. de, 212, 216, 339 Smith, A. V., 359 Smith, C. A. M., 293 Smith, C. T., 118 Smith, D. S., 198 Smith, E. C., 306 Smith, E. H., 69, 362 Smith, F. G. W., 352 Smith, F.-H., jr., 12 Smith, F. V., 345 Smith, G. E. P., 85 Smith, Geddes, 254, 265 Smith, G. D., 251, 256 152 10% Smith, H. M., 15 Smith, H. T. U., 83, 299, 300 Smith, J. F., jr., 35, 85, 222 Smith, J. S., 273 Smith, Junius, 248 Smith, Nicol, 353 Smith, P. A., 301 Smith, P. S., 261 Smith, R. C., 116, 121 Smith, R. H., 307 Smith, R. S., 89 Smith, Sidney, 127 Smith, T. L., 50 Smith, W. D., 52 Smith, W. Du P., 224 Smith, W. E., 271 Smith, Wilfred, 284 Smith-White, S., 106 Smits, G., 94 Smythe, D. W., 53 Smythe, F. S., 7 Snodgrass, C. P., 233 Snow, E. A., 14 Snow, Edgar, 241 Snow, F. H., 81 Snowden (Mount), 2 Snyder, H. B., jr., 13 Soares Cardozo, M. da S., 259 Soares Zilhão, J., 326 Sobolev, D. N., 24 Society of American foresters, 310 Sohon, F. W., 101 Solá, Miguel, 191 Soper, J. D., 176 Sosua settlement, Dominican republic, 319 Soule, F. M., 133

South Africa. Union of. Commission on mixed marriages, 63 South Africa, Union of . Dept. of mines. Geological survey, 95 South Carolina. State forest service, 312 South Carolina. State planning board, 343, 344 South Carolina - see also U. S., Southern; U. S., Southeastern South Dakota. State geological survey, 14 South Dakota - see also U. S., North Central South Shetland Islands, 259 Southern Rhodesia. Dept. of statistics, 326 Southworth, Constant, 310 Souza Costa, Artur de, 121 Spain. Instituto geológico y minero, 288 Spain, 25, 62, 94, 161, 195, 237, 288, 325, 357 Spalding, Walter, 90, 305 Speier, Hans, 250, 258 Speight, R., 131 Speight, R., 131 Speiger, E. A., 64, 241 Spencer, J. E., 16, 66, 129 Spicer, E. D., 129 Spicer, E. H., 227 Spiegel, H. W., 336 Spilhaus, A. F., 301 Spinden, H. J., 38 Spinks, C. N., 197 Spitaler, R., 59, 64, 103 Spitzbergen, 247, 297 Spock, L. E., 34 Spoehr, Alexander, 269 Spry, Graham, 176 Staal, J., 30 Stadelman, Raymond, 17 Staebner, F. E., 75 Stagg, J. M., 100 Stahle, Viktor, 131 Stålberg, Helge, 93 Stamp, L. D., 60, 234 Stanford, J. K., 294 Stanley, G. F. G., 110 Stansfeld, E. D., 352 Staples, L. W., 224 Stapp, Peyton, 342 for form Min Aloca Stark, Freya, 64
Starkey, 0. P., 197
Starkie, Walter, 287 Starr, A. J., 323

Staudt, E. W., 265 Stauffer, E. C., 217 Stearns, H. T., 132, *132, 200, 246, 297, *297 Stebbing, E. P., 103, 106, 300, 304 Stebbing, W. P. D., 334 Stechow, Eberhard, 107 Steel, E. W., 125 Steele, C. F., 213 Steensberg, Axel, 5 Steers, J. A., 56 Stefansson, Vilhjalmur, 212, *212 Stefansson, Vilhjalmur, 212, 306, Stegmann, Heine, 20 Steiger, A. J., 128, 298 Stein, Sir Aurel, 96 Steinberger, C. R., 50 Steinmetz, Rudolf, 127 Stelle, C. C., 11, 28, 129 Stensgård, Erling, 175 Stephan, F. F., 10 Stephens, C. G., 296, *296 Stephens, D. E., 274 Stephens, J. L., 55 Stephenson, W. H., 345 Sterling, E. W., 14 Stetson, H, C., 253 Stevens, F. L., 91 Stevens, Frank, 323 Stevens, S. K., ed., 259 Steward, J. H., 226, 275, 338 Stewart, Duncan, jr., 100, 133 Stewart, George, 85 Stewart, J. S., *307 Stewart, O. C., 219 Stewart, Ralph, 226 Stewart, T. D., 118, 226, 344 Stickley, A. R., 73 Stieler Grand atlas de géographie moderne, 108 Stigler, Robert, 248 Still, Bayrd, 313 Stirling, Mrs. Marion, 277 Stock, Chester, 258 Stockley, G. M., 64, 238 Stockwell, W. G., 108 Stoddart, L. A., 185 Stoeckeler, J. H., 182 Manda and Jack Stoffels, E. H. J., 196, 289 Stone, Doris, 319 and American Stone, R. G., 45, 111, 189, 278; tr, 229; ed. 278 Stone, R. W., 113

Storey, Herbert, 317 Storie, R. E., 86, 275 Story, I. F., 309 Stout, Wilber, 84 Strahler, A. N., 54 Strain, W. B., 5 Strain, Warren, 255 Strauss, Frederick, 59 Strausz-Hupé, Robert, 337 Straw, H. T., 51, 116, 184 Strickland, R. W., 183 Stringfield, V. T., 343 Strode, Hudson, 92 Strong, A. L., 243, 291 Strong, H. M., ed. 174 Stuart, H. A., 255 Stubbings, H. G., 298 Studley, Gideon, 217 Stuntz, S. C., comp., 256 Stutzer, Otto, 4 Subercaseaux, Benjamin, 282 Subrahmanyam, N., 294 Sudweeks, L. L., 225 Suez, Canal, 289 Suklje, Sveta, 94 Sullivan, C. J., 330 Sullivan, Wallace, 86 Sumatra, 295 Sumghin, M. I., 73 Stiring, R., 41 Surveyer, E. F., 40 Suspiro, Brazil, 232 Sussmilch, C. A., 131 Sutch, W. B., 331 Suter, Karl, 62 Sutermeister, Oscar, 255 Sutherland, A. T., 268 Sutherland, I. L. G., ed., 68 Svaritchevskafa, Z., 28 Sverdrup, H. U., 36, 332 Swabey, C., 17 Swann, W. F. G., 33 Swanton, J. R., 49 Swartz, D. J., 338 Swartz, J. H., 47, 132, 200, 297 Swartzlow, C. R., 225, 348 Swedberg, Sven, 93, 125 Sweden. K. järnvägsstyrelsen, 23 Sweden, 286, 356 Sweet, Gordon, 311 Switzerland, 92, 123, 192, 234, 285 Sykes, Sir Percy, 96 Szentkirályi, Joseph, ed. 356 Szyszlo, Vitold de, 349

Tacoma, Wash., 273
Tada, Fumio, 251

Taeuber, Conrad, 36, 80, 254 Tahir Rizvi, S. M., 293 Takahasi, Ryûtarô, 292 Takaki, Kikusaburo, 129 Tallantyre, Renée, 288 Tamayo, Francisco, 280 Tamayo, J. L., 170 Tamesis, Florencio, 67, 329 Tammekann, August, 23 Tamura, T., 97 Tanaka, Kaoru, 128 Tang, T. Y., 328 Tanganyika, Lake, 238, 240 Tanganyika notes and records, 95 Tanganyika Territory. Central development committee, *196, 196 Tangier, 63 Tannahill, T. R., 355 Tannehill, I. R., 3, 301 Tarkhov, P. V., 236 Tascher, W. R., 72 Tasmania. Dept. of agriculture, 131 Tasmania, 130, 296 Tate, H. R., 237 Tateyania, Y., 360 Tatui, Matunosuke, 97 Taullard, A., 305, 322 Taute, M., 238 Tavener, L. E., 233 Tax, Sol, 55 Taylor, A. E., 20 Taylor, A. S., *318
Taylor, C. A., 208, 209 Taylor, E. G. R., 174
Taylor, F. A., 44 Taylor, Griffith, 194 Taylor, Griffith, 35 Taylor, J. K., 308, 330 Taylor, L. A., 217
Taylor, R. L., 306 Tchebotareff, A., 101 Tcherkinsky, N., 59 Tchetyrekhstolbovoi Island, 241 Teggart, F. J., 260 Teichert, Curt, 245 Teleport co., 201 Tellez, H. A., 170 Tellier, Maurice, 9 Tello, J. C., 58, 353 Tengstrom, Erik, 107 Tennessee. Secretary of state, 50 Tennessee. State planning commission, *50 Tennessee - see also U. S., Southern; U. S., South Central Tercero, D. M., tr. and ed. 279 Termer, Franz, 119

Terre Haute, Ind., 314 Terry, E. I., 82 Terry, R. A., 228 Manufacture Production Terry, T. P., 349 outdaged a latestar Tesch, P., 123 g about production Tetreau, E. D., 226 Texas. State board of water engineers, 115, 222, 223, 316 Texas - see also U. S., South Cen-Texas memorial museum, 49, *49 Textor, L. E., 93 Tezuka, Kaneko, 97 Thienhaus, Rolf, 61 Thomas, A. B., 117; ed. and tr. 305 Thomas, A. V., 361 Thomas, Father, 238 Thomas, H. E., 347 Thomas, P. W., 46 Thomas, R., 289 Thompson, E. F., 289
Thompson, E. T., 218
Thompson, H. D., 218
Thompson, J. F. Thompson, H. D., 218
Thompson, J. E. S., 109
Thompson, J. E. S., 109 Thompson, Laura, 31 Thompson, R. D., 246 Thompson, Virginia, 66, 98, 294, Tax, Sel, 55 Thompson, W. S., 4 og grodes Thomson, H. J., 50 Thomson, J. E., 263 Thomson, J. W., jr., 220 Thomson, T. R., comp., 44 Thorade, H., 204 Thorarinsson, Sigurdur, 170, 171, 193, 286, 355, 356
Thorington, J. M., 42
Thornber, J. J., 117
Thornbury, W. D., 221, 271
Thomas Samuel in 258 Thorne, Samuel, jr., 258
Thornthwaite, C. W., *171, 185, *187
Thornton, B. J., 317 Thornton, D., 95 Thorp, James, 65, 327 Thraen, Aug., 20 Thuringen-Atlas der Reichsarbeitsgemeinschaft für Raumforschung ..., *124 To wasterpod . essance Thurnwald, R., 74 Tiarajú, Brazil, 232 Tibet, 65, 198, 242, 327
Tiburon Island, 350 Tiburon Island, 350 Tieh, T. M., 328 eff

Tierney, Luke, 115, 117 Tierra del Fuego, 258 Tihomirov, I. K., 1, 3 Tilea, V. V., 125 Tillotson, Ernest, 25 Timor, 359, 361
Tindale, N. B., 130, *130
Tingey, D. C., 85 Tinley, J. M., 86, 290 Tinos, Greece, 236 Tirana, Albania, 125 Tissot van Patot, J. P. B., 284 Titus, W. A., 314 Manager and America Tjerandsen, Carl, 52 Todd, C. C., 51 Tokyo imperial university, 242 Tokyo, 65, 359 Toledo, Ohio, 314 Tolman, C. F., 53 Tolman, Carl, 177 Tolonen, K. J., 4
Tolstead, W. L., 269 Tonty, Henry de, 174, 182 Torbert, E. N., 317 Toronto public libraries, 110 Torrea, J. N., 351 Torrico, Rafael, tr. 249 Torrielli, A. J., 308 Toscano, Ricardo, 349, 350 Toschi, Jmberto, 94 Tossini, Luis, 354 Tothill, J. D., ed. 358 Toulmin, L. D., jr., 223 Touring y automovil club del Peru, 190 Tourtellot, A. B., 343 Tower, W. S., 255 Townshend, C. H., 207 Tozier, M. M., 178 Tozzer, A. M., ed., 258 Tracey, Hugh, 305 Tracie, R. G., 255 Trager, L. M., 271 Trask, P. D., 252 Traub, H. P., 342 Trautman, M. B., 277 Tremblay, Maurice, 214 Trend, J. B., 55 Trespailhié, O. L., 191 Trewartha, G. T., 203, 250, 259, Tristan da Cunha, 27, 197 Troitsky, V., 241 Tropics, 32, 70, 100, 168, 248, 298, 332 Trotter, R. G., 263 Troup, R. S., 304, 323

True, R. H., 175 Truesdell, L. E., 264 Truitt, P. T., 44 Trumble, H. C., 99 Truter, F. C., 95 Tryon, H. H., 179 Tschopik, Harry, jr., 117 Tschebotareff, V. P., 228 Tschudy, R. H., 203, 204 Tsun-Yi, Kao, 97 Tsuya, Hiromichi, 359 Tucker, W. B., 86, 186 Tucumán, Argentina, 232 Tudela, Francisco, 320 Tudimura, Tarô, 327 Tumaco, Colombia, 18 Tung, L., 66 Turbott, H. B., 68 Turkey. Office central de statistique, *325 Turkey, 161, 236, 325, 357 Turnage, W. V., 119 Turner, F. J., 7, 14 Turner, G. T., 114 Turner, S. F., 347 Tuthill, R. L., 23 Twenhofel, W. H., 9, 10, 72, 170, 172 Twenhofel, W. S., 270 Twomey, A. C., 79 Tyler, S. A., 72 Tyndale-Biscoe, R., 64, 127 Tyson, J. D., 17, 18

Ubico, Jorge, 352, *352 Uganda. Geological survey, *95 Ugarteche, Pedro, ed., 190 Ukara Island, 95 Ullman, Edward, 172, 184 Ulmer, J. S., 222 Ulrich, F. P., 51 U. S. Army, 310 U. S. Army. Air corps, 200 U. S. Army. Construction section, *308

U. S. Board of engineers for rivers and harbors, 15, 47, 50, 52, 82

U. S. Board on geographical names,

U. S. Bureau of agricultural chemistry and engineering, 309

U. S. Bureau of agricultural economics, *10, 75, 80, 178, 223, 309

U. S. Bureau of the census, 31, 80, 81, 85, 113, 114, 178, *179, 181, 183, 184, 185, 208, 217, 218, 220, 221, 223, 224, 225, 226, U. S. Bureau of the census (cont.). 227, 228, 255, 265, 266, 267, 268, 269, 270, 271, 272, 273, 309, 310, 316, *341, 342, 352

U. S. Bureau of fisheries, 311 U. S. Bureau of foreign and domestic commerce, 261

U. S. Bureau of mines, 10, 11, 255, 265, 266

U. S. Bureau of plant industry, 274, 304

U. S. Bureau of reclamation, #219, *273, *312

U. S. Central statistical board,

U. S. Civil aeronautics administration, 169, 171

U. S. Coast and geodetic survey, 12, *12, *14, *15, *41, 43, *44, *45, *46, *56, *68, 73, 75, *79, *109, *111, *112, *117, 179, 201, *214, *261, *264, *294, 297, 298, *308, *340

U. S. Coast and geodetic survey,

U. S. Coast guard, 13, 176, 177, 179

U. S. Congress, 76th, 3d session. House, 43, 44, 51, 52, 114, 215

U. S. Congress, 76th, 3d session. Senate, 69, 114

U. S. Congress, 77th, 1st session. House, 265, 342

U. S. Dept. of agriculture, 5, 43, 48, 80, 170, 223, 265, 308

U. S. Dept. of commerce, 177, 286 U. S. Department of state, 41,

110, 112, 184, 332

U. S. Farm security administration, 43, 178

U. S. Fish and wildlife service, 11, 178, 261, 309

11, 178, 261, 309
U. S. Forest service, 43, *52, 76, 81, 82, *83, *84, *85, *116, 171, *185, *186, *218, *219, *221, *224, *225, *269, *272, *273, 318, *343, *346, *347
U. S. Geological survey, *42, *45, *48, *49, *51, *53, *54, *63, *112, *113, *114, *115, *116, *120, 133, 179, *180, *181, *182, 183, *183, 184, *216, *219, *220, *221, 222, *222, *227, *229, *267, 270, *272, *279, *310, *312, *313, *315, *316, *317, *319, *340, *341, *342, *343, *344, *346, *352

U. S. Hydrographic office, *31, 56, *56, *63, *65, *66, 78, 99, 188, 189, *189, *202, 205, *206, *247

U. S. Interstate commerce commission, 11, 309

U. S. Maritime commission. Division of research, 44

U. S. National park service, 12, 47, 117, *178, 181, 186, 218, 219, 275, 309, 312, 346

U. S. National resources committee,

U. S. National resources planning board, 43, 173, 178, 265, 309,

U. S. Office of Indian affairs, *54, *82, *184

U. S. Office of land use coordination, *111

U. S. President, 1933-19 , 316 U. S. Public roads administration, *181, *183, *184, *268, *271, *275, 310

U. S. Public roads administration. Federal works agency, *47, *48, *69, *344

U. S. Soil conservation service, 15, 35, 43, 113, 171, 178, 204, 208, 267, 270, 272, 273, 313

U. S. [Soil survey reports], 15, 49, 85, 268, 269, 271, 272, 275, 312, 313, 314, 315, 316, 317

U. S. Tariff commission, 54-59, 88, 90, 118, 120, 189, 256, 277, 278,

U. S. War dept. 71, 74, 169

U. S. Weather bureau, 253, 301, 319, 336, 342

U. S. Works progress administration. Division of social research, 342

United States (general) 10, 42, 79, 111, 145, 177, 214, 264, 308, 341 United States, Eastern, 11, 45,

112, 179, 310

United States, North Central, 14, 48, 82, 114, 149, 182, 220, 269, 313, 344

United States, Northeastern, 12, 45, 81, 112, 146, 180, 216, 267, 310, 342

United States, Northwestern, 15, 51, 84, 116, 151, 184, 224, 273, 316, 346

United States, South Central, 15, 49, 84, 115, 150, 183, 222, 272, coin' cisir par 315, 345

United States, Southeastern, 47, 82, 113, 148, 181, 218, 268, 312 United States, Southern, 13, 47, 82, 113, 148, 181, 217, 311, 343 United States, Southwestern, 16, 53, 85, 117, 152, 185, 226, 274, 317, 347

United States, Western, 14, 51, 114, 150, 219, 273, 312, 346

Unruh, B. H., 23

Unstead, J. F., 322, *322, *323, *324, *325

Unwin, Sir Raymond, 112 Upgren, A. R., 38

Urban, M., 62 Urdiñola, Francisco de, 107

Uriel Garcia, José, 320 Urry, W. D., 73, 250 Urteaga, H. H., ed., 190

Uruguay, 58, 90, 122, 190, 282, 321

Ushba (Mount), 2

Ust-Eniseiskii, Siberia, 197 Utah. Agricultural experiment station, 117

Utah - see also U. S., Western; U. S., Southwestern Utterback, C. L., 306

Vacacai, Brazil, 232 Vaile, E. E., 99 Vaillant, G. C., 119, 277 Vak, S. P., jr., 295 Valcarcel, L. E., 19 Valcarcel Esparza, C. D., 305 Valencia, Lago de, 230 Valentini, E. E., 276 Vallat, E. H., 226 Valle, R. H., 55, 109, 119 Valle Lersundi, Alfonso del, 289 Vallejo E., S. P., 19 Vancouver, George, 297 Vancouver, Wash., 52 Vandenbosch, Amry, 244 Van Dersal, W. R., 256 Van der Walt, C. F. J., 358

Vanoverbergh, Morice, 361 Vanssay de Blavous, P. de, 71 Van Tyne, Josselyn, 277

Van Valkenburg, Samuel, 4 Vanyushin, S. S., 28 Vargas, Diego de, 40

Vargas, Fulgencio, 350

Varzea, Affonso, 254

Vasconcelos, J. C. L. de, 252 Vásquez-Machicado, Humberto, 320 Vatnajökull, Iceland, 193, 356 Vazquez, Francisco, 228

Veen, J. van, 123 Vellard, J.-A., 230 Venezuela, 18, 57, 88, 120, 155, 189, 229, 279, 352 Vening Meinesz, F. A., 134 Venstrom, Cruz, 347 Vera, E. C., 130 Verchères de Boucherville, Thomas, Verein der Freunde der Alpenvereinsbucherei, 103 Verissimo da Costa Pereira, José, Vermont. Dept. of conservation and development and Dept. of highways, Vermont. State dept. of motor vehicles, 180 Vermont - see also U. S., Eastern; U. S., Northeastern Ver Wiebe, W. A., 83 Vestine, E. H., 102, 134 Veyret, Paul, 61 Vézina, François, 264 Vial, L. G., 69 Vialov, O. S., 96 Vidales, Luis, 120 Vienna, 93 Viera da Rosa, José, 89 Viertmann, G., 285 Vignati, M. A., 233, 354 Villaneuve-Uvalde, J., tr. 230 Villar Buceta, María, 17 Villavicencio, Argentina, 191 Vine, A. C., 12 Vinelli, Marcello, 125 Viner, Jacob, 105, 106 Virginia - see U. S., Southern; U. S., Southeastern Viruly, A., 291 Visher, S. S., 4, 72, 74, 221, 308, 311, 343 Vize, V. I., 132 Vlassis, G. D., 195 Voegelin, C. F., 185, 269 Voegelin, E. W., 179 Voelcker, O. J., 26 Vogel, H. D., 44 Vogt, William, 57 Voigt, Erika, 100 Vokes, H. E., 247, 358 Vologdin, A. G., 327 Von Engeln, O. D., 2 Von Grueningen, J. P., ed. 309 Von Hagen, V. W., 175 Voorhies, E. C., 86 Voorhoeve, P., 245

Vorobiev, I., 241 Vosburgh, F. G., 208 Voskuil, W. H., 208 Votaw, H. C., 69 Vuolo, Raffaele, 357

Wadati, Kiyoo, 128 Wade, Arthur, 100, 172, 362 Wadham, S. M., 99 Wadia, D. N., 243 Wagley, Charles, 228 Wagner, G., 63 Wagner, H. R., 305 Wagner, W., 66 Waibel, Leo, 70 Waines, W. J., 42 Waite, H. A., 270, 344 Wake Island, 69 Waldeck, J. McE., 175 Waldo, R. K., 288 Wales, H. B., 182 Wales, H. G. Q., 29 Walker, D., 30 Walker, E. A., 126 Walker, E. R., 98, 330 Walker, Herman, jr., 112 Wallace, A. M., 301 Wallace, W. S., 42 Walsh, J. E., 189 Walter, A., 238 Walter, P. A. F., 41 Walterson, John, 247 Walther, K., 122 Wanklyn, Harriet, 125 Wanner, E., 123 Ward, Barbara, 357 Ward, F. K., 98, 199 Wardlaw, C. W., 277 Wardlaw, H. S. H., 104 Ware, C. F., ed., 173, 175, 179 Waring, J. M. S., 181 Warner, S. T., 180 Warner, W. L., 173 Warren, C. R., 116 Warren, M. A., 343 Warren, Vernon, 51 Warsaw, Poland, 24 Washburn, Bradford, 42 Washington, D. C., 268 Washington Island, Wis., 270 Washington, Mount, 12, 46, 217 Washington (State). Dept. of conservation and development. Division of forestry, 346, *346 Washington (State) - see also U. S., Western; U. S., Northwestern Wassen, Henry, 259, 280

Watanabe, Takeo, 242 Waters, C. E., 6 Watkins, V. M., 86 Watkins, W. F., 255 Wayland, E. J., 63 Weaver, J. C., 55 Webster, J. C., 10 Wechsberg, Joseph, 208 Wedekind, A. V., 198 Wedel, M. M., 181 Wedel, W. R., 226, 345 Weegmann, C. von, 242 Wegener, Kurt, 202 Wehrly, M. S., 178 Wehrwein, G. S., 265 Weigt, Ernst, 27, *27 Weinberg, B. P., 101 Weir, J. D., *281 Weir, W. W., 275, 348 Weisenburger, F. P., 315 Welch, G. I., 220 Weld, R. F., 46 MS AND MINISTRAL MARKET MINISTRAL MARKET M Weller, J. M., 49, 83 Wellington, J. H., 197, 357 Wellman, H. W., 132 Wells, F. G., 116, *116, 118 Wellstone, L. S., 341 Welte, Adolf, 258
Wenner, C.-G., 356
Wenner-Gren expedition, 320 Wentworth, C. K., 69, 103, 246 Wenzel, L. K., 35, 178, 270 Wernstedt, Lage, 33 Werth, E., 38 West, R. C., 227 West Indies, 17, 56, 87, 120, 154, 188, 228, 278, 319, 352 Webb, R. W., 186 Webb, W. S., 84 West Virginia - see U. S., Southern: U. S., Southeastern Western interstate snow-survey conference, 51, 346 Weston, S. M., 9 Whately, L. A., 281 Wheeler, L. A., 112, 255 Wheeting, L. C., 316, 319 Whipple, A. W., 315 Whipple, F. J. W., 301 Whitaker, A. P., 118, 353 Whitaker, J. R., 207, 255, 302, 305 Whitbeck, R. H., 105 Whitcomb, Lawrence, 33, 40, 41, 45 White, C. H., 75 White, D. E., 53

White, H. G., 344 White, L. A., ed. 185 White, S. L., 222 White, S. S., 188 White, W. N., 222, 223 White, Z. W., 222 White Mountains, 217 Whiteley, George, jr., 214 Whitla, R. E., 83 Whitlatch, G. I., 50, 224 Whitmore, G. D., 272 Whitney, P. C., 2, 103 Whittlesey, Derwent, 211, *303, 326 Whymper, Edward, 7 Wiebe, G. A., 78, 81 Wiener, W. H., 328 Wiese, V. J., 77 Wigglesworth, V. B., 172, 174 Wight, Isle of, 234 Wilbur, R. L., 248 Wilde, S. A., 267 Wilgus, A. C., 187 Wilhelmy, Herbert, 57 Wilkinson, R. J., 295 Willatts, E. C., 234 Willcox, W. F., 178, 198 Willems, Emilio, 321 Willemse, J., 95 Willett, R. W., 101, 102, 104 Willey, G. R., 267 Williams, A. B., 183 Williams, F. E., 4, 69 Williams, G. J., 95
Williams, G. R., 111
Williams, H. L., 175 Williams, Howel, 170, 251, 316 Williams, J. W., 50 Williams, Llewelyn, 230 Williams, M. O., 184 Williams, Philip, jr., 224 Williamson, Chilton, 311 Willis, Bailey, 2, 130, 300 Willis, E. S., 53 Willis, J. C., 253 Willis, Robin, 300
Wilmington, N. C., 47
Wilson, Sin Amelia Wilson, Sir Arnold, 358 Wilson, C. C., 18 Wilson, C. M., 119 Wilson, C. P., 186 Wilson, E. D., 317 Wilson, J. T., 213 Wilson, L. S., 57, 273 Wilson, M. L., 313 Wilson, Vernon, 284 Wimbush, S. H., 126 Winchester, England, 60

Wind River Range, Wyoming, 225 Wing, M. E., 182 Winkler, E., 92, 260 Winn, H. F., 73, 76 Winstedt, Sir Richard, 199 Winston, Ellen, 113 Winther, 0. 0., 274 Winton, H. N. M., 212 Wirth, H. E., 36 Wirth, Louis, 178 Wisconsin land inventory, *182 Wisconsin - see U.S., North Central Wisdom, Charles, 120 Wise, M. M., 119, 276 Wissmann, Hermann v., 29 Wittke, Carl, 264, 265 Wolfanger, L. A., *2, 48, 102 Wolff, Gunter, 26 Wolman, Abel, 342 Wolskel, Augustus, 259 Wood, E. E., 11 Wood, Ednah, 175 Wood, F. L. W., 99 Wood, H. O., 275, 347 Wood, J. W., 337 Wood, L. W., 314 Wood, W. A., 57, 320 Woodbury, R. M., 336 Woodcock, A. H., 36 Woodring, W. P., 226 Woods, D. H., 240 Woodward, C. R., 217 Woodward, R. W., 85 Woodward, T. P., 184 Woodward, W. H., 273 Woodworth, R. N., 343 Woofter, T. J., jr., 43, 113 Woollard, G. P., 12, 45, 311 Woollcombe, Joan, 123 Woolley, R. R., 275 Worcester, R. G. R., 199 Working, Holbrook, 5 Workman, E. J., 182 Worsley, T. C., 234 Wrather, W. E., 80 Wray, D. A., 191 Wright, C. S., 71, 76 Wright, C. W., 59, 281 Wright, F. E., 351 Wright, H. L., 328 Wright, J. K., 55, 205, 206, 214 Wright, J. K., 260 Wright, K. T., 182 Wright, L. B., ed. 312 Wrigley, G. M., ed. 126 Writers' program: Alabama, 183; Arkansas, 272; California, 275,276; Writers' program (cont.) Colorado, 227; Florida, 219; Indiana, 271; Louisiana, 223; Michigan, 182; Minnesota, 344; Missouri, 221; New Mexico, 16; North Carolina, 181; Pennsylvania, 12; South Carolina, 82, 312; Utah, 226; West Virginia, 268; Wisconsin, 270 Writers' project: Colorado, 185; Connecticut, 46; Texas, 183; Utah, 185 Wrobel, Johanna, 237 Wrong, Margaret, 237 Wroth, L. C., 210 Wu, S. S., 97 Wulfert, M. A., 37 Wulsin, F. R., 288 Wunderlich, W. E., 335, 337 Wundt, Walter, 36, 73 Wust, Georg, 32, *32, 247 Wutz, Anton, *193 Wyman, E. P., 222 Wyman, L. C., 226 Wyndham, H. A., 126 Wyoming - see U. S., Western; U. S., Northwestern

Yagi, Tsugio, 65 Yakovlev, F., 2 Yamaguti, Seiti, 292 Yamasita, K., 65 Yanaghisawa, Takéshi, 359, 361 Yao, C. S., 28 Yard, R. S., 309 Yarmolinsky, Avrahm, 210 Yates, P. L., 323 Yates, R. G., 226 Yehara, Shingo, 242 Yen, T. I., 97 Yoder, F. R., 52 Yoder, R. E., 335 Yosemite, 186 Young, C. H., 13 Young, R. A., 304 Young, S. P., 261 Young, W. R., 53 Youngquist, C. V., 271

Zagiansky, A. L., 193
Zalamea, Jorge, 279
Zamora Castellanos, Pedro, 351
Zapata Gollan, Agustín, 39, 57
Zarur, Jorge, 281
Zavala, Silvio, 187
Zentralasien-Atlas, *129
Zeusler, F. A., 261, 306
Zierer, C. M., 68, 296, 331

Zile, R. R., 267
Zimmerman, F. L., 337
Zipf, G. K., 104, 105, 341
Zlámal, J., 75
Zobell, I. D., 85
Zöllich, H. S., 61
Zon, Raphael, 205, 207

Alfort, Il- As, 27

Bonarito, K., Co

Sell condition, senset

Yoder, F. E., 32 Yoder, B. E., 335 Yosenthe, 200

found, C. Hey 15

Young, '. h. S.

Zariansky as has les

Lougler, F. a., 261, 305

Zanora Castellanus, 'edro, 251

Zarata Collan, Agratin, 86, 57

Marer, C. H., 69, 286, 351

Lalamen, Jorge, 270

typical - see I. day imports in the

Zotov, V. D., 72 Zúñiga, Toribio, 320 Zuuren, P. van, 26 Zweig, Stefan, 354 Zwemer, M. C., 256, 258 Zwemer, S. M., 256, 258

Winten, H. H. H. 212
Winten, H. B., 36
Winten, Louis, 178
Wisconsin Lead inventory, "188
Wisconsin - see U.S., Morth Central
Wisconsin - see U.S., 200
Witten, Carl, 261, 265
Witten, Carl, 261, 265
Witten, Carl, 261, 265
Witten, Carl, 261, 261

Hold, J. V. 250
Hold, Abel, 245
Hood, H. E., 11
Hood, F. L. W., DO
Hood, H. O., 275, 367
Hood, J. V., 257
Hood, J. V., 257
Hood, J. V., 257

Toodbary, R. H., 250 Toodbary, R. H., 250 Toodslag, L. H., 250 Woods, L. H., 250 Woods, L. H., 240 Woodsard, C. H., 217 Woodsard, R. W., 257

Woodwarth, H. W., 245
Woodter, T. J., 5rt. 45, 115
Woollard, G. P., 12, 45, 211
Woolland, G. P., 12, 45, 211

Moreomber, N. O. R., 199 Marking, Molbrook, S Morkey, M. J., 182

Tracker, L. E., 80 France, C. S., 71, 76 France, C. S., 71, 76 France, C. N., 88, 281

Nright, F. S., 301 Nright, H. L., 328 Nright, J. H., 55, 205, 206, 214 Nright, J. H., 260

right, L. M., ed. 512 Wrigley, G. M., ed. 126 Writers' programs Alabams, 185; Ar-

kansas, 272; California, 275,275;

